

tgattggcac aatttaatcc tgaagtggga aaccctcaat gatgcagggtt ttaccactgc 180
aaataatatt gccaaacttga aaatcagttt attgaataha gacaagatag aactagacag 240
cagcagccca gcctcgaagg atgaggcgtg cggcaccatt cccagctaatt ttttgtattt 300
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<212> DNA
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gatggggtgt ggcaggcagt agtggaatgt agaatgctgc tgtatgctgt gtaatgtaag 180
catctccgtt cctagtggag aagttgcatc gtgttctcaa gaagcacaga gggagacatt 240
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<212> DNA
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gcagtccaat gggcttccct ttgt 324

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<211> 138
<212> DNA
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gtttccttct tgtcgccc 138

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<213> Homo sapiens

<400> 24036

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cagtgccaca acacvmctca gtgaccatcg ggagagcagc ctcatgatgg gcgatgctcc	180
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<210> 24037

<211> 101

<212> DNA

<213> Homo sapiens

<400> 24037

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<211> 257

<212> DNA

<213> Homo sapiens

<400> 24038

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gttgaagtat taaatattcc aacctgtctt tgataaggat ataggactta ctttagaaga	180
tacaacctga ttattaaatt ggtcatttct agacattgat tctacaagaa gacctcagtt	240
aagtctcaca ccacca	257

<210> 24039

<211> 255

<212> DNA

<213> Homo sapiens

<400> 24039

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cagaagghaa gtgtttactg tatgtaatca cattgtttac aaacaatctc agcaagctgg	180
tatagcagaa ttccagaatc gtgtgaaatt ttcattggwt tawgaaatca ttctctgagt	240
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<210> 24040

<211> 351

<212> DNA

<213> Homo sapiens

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taaagaaatt cagaggcaaa aggagagaga aatgaagggg atatcgagg gggaaaaatt	180
tttttaaacc gagagtgaac caaggagaca gaagaaaaga aagtgggtgaa aagaggaaaa	240
gaactgaggg agamattaaa tgaaacaatg aaggagagaca gaggaagcat aaaggcctct	300
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<210> 24041
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<400> 24041
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 ctataaaatg ttaccgaaat gccctcaaat tagataaaga taacctgcaa attttgaggg 180
 atctctcact gttgcagatc caaatgagag accttgaagg ttaccgagag acaagatacc 240
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<210> 24042
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 <212> DNA
 <213> Homo sapiens

<400> 24042
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 aggctggagt gcagtagcac gatcttggtt tactgcaacc tctacctct aggttcaagc 180
 aattgtcctg tctcagcctc ccgrgwactg ggactamkgt cttgmgccac catgcctggc 240
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<210> 24043
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 <212> DNA
 <213> Homo sapiens

<400> 24043
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 ctttgaagaa aataatttat attatttttg ccaccctctt gmaacaatta ttcttctgac 180
 ttttaaaatg gtgcaattct attgtgacat accatttttc cttctggtaa cttatagtag 240
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 aactgtagct ttaa 314

<210> 24044
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 <212> DNA
 <213> Homo sapiens

<400> 24044
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 tgcaaggaaa gatgcgtac ccaccctttt ctctctttct ctttcttttt ctctttttct 120
 ttctttcttt ctttctttcw wtttgtttcw tcctttcttc ctttctttct t 171

<210> 24045
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 <212> DNA
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<400> 24045

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 tttaaattat aaagagcaag attttgcttt ctgagattag cgtcgatcct tcatcagtgt 180
 tgatgcagcc aaa 193

<210> 24046
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 24046
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 cactgcgccc ggccctcttt tatttcttat acaaagccca gtccctaaca cataggaagt 120
 gattgataaa cttgttgaaa gaatgagga cagttttctt ctctagcttt catgttgctt 180
 gtctgagaat aaaggaatca gaacaagatg cctgaagttc ctgccaaactc taaaatactc 240
 ttttccagta tgcattaagt aaatattagt taagtaaata agcaataccc accaa 295

<210> 24047
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 <212> DNA
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<400> 24047
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 acttacatat ccgctgccc tttcagcctc tccatgtggc tgtctgatag catcttgga 120
 tctatcttga tttctccagc tctgtcccct cattcactca atttatcaac aagtcctatc 180
 tgcccttctt ccaaaactga tcttgaatcc aattactcct tttcatcacc actgccccca 240
 cctct 245

<210> 24048
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 24048
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 cccgggaagg acctgcggtg caggagtcag ccatgtctgt gctgtgtgga wccacctgat 120
 gacatgggta acgaggaaga cgatgtgttg accggtgccc gtttgaggac tttggtcacc 180
 cagactagac accttctgtg ctcatgtttg gaaagctgaa agggaaggac agctgtgccc 240
 tcctgggagc tcatgtgtcc ctggcgctgt gctagctttc ctttacagct gtttacagac 300
 aaggcaggcc tgaggcagat ggccact 327

<210> 24049
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 <212> DNA
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<400> 24049
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 tcagtaaata gttacataag gaaaggwctt agamtgtcaa tttttgtct gwrgrmaaaca 180
 atcmtaavtg taccagtaaa ccagggtttc tagaacacat ttatttgag gctaaaggta 240
 cammtttgac cttgaacaac atggggtttg acttgtgtgt ccattttatac acagattttt 300
 tttcagtaaa tata 314

<210> 24050
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 <212> DNA
 <213> Homo sapiens

<400> 24050
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 aagaaacatg attatatggm gtatttgcct tatgtggaca cagtatgcat tttggaagga 180
 aaagtcagtc ttctgggaaa gtgtggaaaa tccaaattgg acagaactcm ttgamaaagg 240
 caagatttca gtcactggag ctgtat 266

<210> 24051
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24051
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 gaaaccctaa agaagactgc tgggccatga gttgcttctt tctcctccac cttaaccctc 120
 tgattccaga attgcagtca ttttcttctg ccaaggaaat ccattaataaa ctgcagccac 180
 acc 183

<210> 24052
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 24052
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<210> 24053
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 24053
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 gcctgttctc atctgtaccg c 141

<210> 24054
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 <212> DNA
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<400> 24054
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 ctggttgagt gaccatccaa ggaatatgtc ctgcgcgcgc gccgccgttt tccttttcgcg 120
 aatgtgggta magaatttac cgctaacagr cgacctccag gttcgtctct ggacagcaag 180
 attgagagam aaaacttaac aaagcgctgt gcaaactgva atcccaggct tagctcgctt 240
 gtgtcttgaa cacggaartc acctagtcac cccacansat gtatgagtac agctaacccc 300

caga

304

<210> 24055

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24055

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ccattgtcag cagcaggatt gcctgaagtc cagcgggtat tacacaatgg cctcgttatg	120
gagatggagc atccaactgt ggggaagatt tccgtcccag gccagmtgt gagatacagt	180
aagttcaaga tgtcagaggc maggccgcmc mcccgtgctcg ggcagcacac aamgcacatc	240
ctgaagga	248

<210> 24056

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24056

catttgtaa attgaatctg agattcaaatt atttcattta atattttctg ggttttgata	60
atgggatatt ctgtaagata aagcaagtaa tcctagagtg atttacttta tgtttagcca	120
tccaccattt tcctatttct ctactcccc cgcg	154

<210> 24057

<211> 131

<212> DNA

<213> Homo sapiens

<400> 24057

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gtacttctta tagtagtttg agaacctaca ttttatgctt aatttagtat ttacttctag	120
tctttttttt t	131

<210> 24058

<211> 263

<212> DNA

<213> Homo sapiens

<400> 24058

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acttattaka tgataatttg gcagatgrca catttkgtta ccaatatttc caagctgaaa	120
gcgcgtttct gtaaaagaca ggagctagat gttactagta gcttaaaaga gctgttgag	180
gagcctgrag gaagtgactc ataagggaga kaagcagtgg gggcagctgc aggaaccttc	240
aaaacaaaac ctgcagccct gtt	263

<210> 24059

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24059

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atcccagcta ctcgggaggc tgasgcagga gaatcacttg aaccgggaag gcagaggttg	120

cagtgaacca agatcatgcc actgcactcc agcctgggtg acaaagaagt gagrctgtct 180
cgaaaaagam aaaaaaaaaa tcchmc 206

<210> 24060
<211> 165
<212> DNA
<213> Homo sapiens

<400> 24060
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cgtcctcggg cacctctatt aactcgcggr tccccgacst gcccagmgaa tccggatctc 120
ctgdstatgt cmaccaagtc aaagtgcgas tctccgacgc cccca 165

<210> 24061
<211> 181
<212> DNA
<213> Homo sapiens

<400> 24061
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cactttggga ggctgasgtg ggcagatcac gaggtcagga gttcgggagc agcctggcca 120
acatgggtga aacctgtctc tactaagatr caaagcarva ccaaaatgam maccacacaa 180
a 181

<210> 24062
<211> 349
<212> DNA
<213> Homo sapiens

<400> 24062
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gatctcctga cctcgtgatc caccgcctc agcctcccac agtgctggga ttgcaggcgt 180
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aattctgtac tcattanaca ctaactccac attccctctt ccctcagc 349

<210> 24063
<211> 200
<212> DNA
<213> Homo sapiens

<400> 24063
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tcactactcc agacgtgccc tttactgttg acaaagatgg ttatataamm aacacagaga 180
vattaaacta cggaatgtr 200

<210> 24064
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<212> DNA
<213> Homo sapiens

<400> 24064

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 actttvatat tatataatta tagtagtggc 150

<210> 24065
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 24065
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 gracttaaag atgtcttttg gagataacag gagagttttg atgacttggt caatagtagt 180
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 ttaaagcttt gagtagcaga gagggtgaaa gctagrgaat ttagttttga ggaaggattt 300
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<210> 24066
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 24066
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<210> 24067
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 24067
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 akaaaggagc ctgtcacatt gacatttgga ggaaagagta ttccaggaag agggaatkag 180
 caaggtggct ggaatttcat gaatgaggag tgttagaaaa tragattgga atcagtcagg 240
 ggccagataa tatacgccat ggta 264

<210> 24068
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 24068
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 cagcagagct ggtatagtgt tctaaatgat cacttggaag accagagggg caaagcctct 120
 accatgtagc tgcttctagc caagttgaat tccagagtag ctacatacag ckgtgtggga 180
 ggccatgctc tgcaaatgga tatagtttag tcaagaatt 219

<210> 24069
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 24069

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aatcttttatt	tggagggccc	taattcacta	acttctcatg	tttactctgc	gwtctttcag	180
agatgtctaa	aataggaaga	tcgttagaaa	cagtgggaagg	gtgccatgat	aacagcataa	240
gcagggccta	taraatcaca	gaaatggggc	aaccaacat	ggaggtatca	gtctagagag	300
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<210> 24070

<211> 318

<212> DNA

<213> Homo sapiens

<400> 24070

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catacagtgc	gtgtgtgtgt	gtgtgtgtca	ccagataagg	gtctgtgaaa	acagaagaag	180
aattacagaa	accagtgggtg	gggcgatgac	actgttctag	acccaratgt	caacctgtgt	240
ggtttcttcc	caagagtgtct	ctgcagtttc	aaggcaggtc	ctgcagagtt	gttggtgcag	300
gaagccttcc	ccaccaac					318

<210> 24071

<211> 263

<212> DNA

<213> Homo sapiens

<400> 24071

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agctgaggca	caaagrggtt	aagttacttg	cccaagggtt	caagactgg	aagtagcaga	180
gttaaaaatg	agarcaaggc	agtctaggtc	taggagtcca	tgctttkaac	tccttcatta	240
ccaaccaact	ctggaagtct	gta				263

<210> 24072

<211> 308

<212> DNA

<213> Homo sapiens

<400> 24072

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accaacatgg	agaaaccggg	tctctactaa	aaatacaaaa	ttagccgggc	gtggtggcgc	180
atgcttgtaa	tcccagctac	tcaggaggct	gaggtatgag	aactgtttga	accctggagg	240
tgaggttggtg	gtgagccgag	actgtgccat	tgactccag	cctgggaaac	aagagtcaaa	300
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<210> 24073

<211> 359

<212> DNA

<213> Homo sapiens

<400> 24073

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gcgggtggat cacctgaggt caggagtttg agaccagcct ggccaacaca gtaaaacccc 180
 atctctactg aaaatacaga aattagccgg gcgtgggtgct gggcacctgt aatctcagct 240
 actcgggagg ctgaagcagg agaaatgctg gaaccagga ggcggaggtg gcagtgaacc 300
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<210> 24074

<211> 207

<212> DNA

<213> Homo sapiens

<400> 24074

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 aactgcacaa cactcctgat attcaaatcc actgtgaggg aggggacctc cataacctga 180
 tcatagcaga ggcctttgag gacaaca 207

<210> 24075

<211> 139

<212> DNA

<213> Homo sapiens

<400> 24075

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 gaggactagt gatcggctg 139

<210> 24076

<211> 346

<212> DNA

<213> Homo sapiens

<400> 24076

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 agtgtcatcc ctaagaattt ctacagcaa aggtccctt ggtggaggat ttagctcagg 180
 ggggttcagt ggtggctctt ttagccgtgg gagctctggt gggggctgct ttgggggctc 240
 atcaggtggc tatggaggat tasnaggttt tgggtggargt agctttcgtg gaamgctntr 300
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<210> 24077

<211> 226

<212> DNA

<213> Homo sapiens

<400> 24077

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 ataccacct aatagaatta ttctattgtt gtgtatgttc ttagaatctt tccattttca 180
 ggactcgtat tcaatcagat tgcactagta cactttcacc aggcgg 226

<210> 24078

<211> 229

<212> DNA

<213> Homo sapiens

SECRET

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

318

<210> 24083

<211> 201

<212> DNA

<213> Homo sapiens

<400> 24083

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gacgggggtt taccgtgttg tccargctgg tctcgaactc ctggactcaa gtgatccacc	120
tgcttccacc tcccaaagtc ttgggattac aggcgtgagt caccgtgccc ggctgggaat	180
cctcttttta tcacagaagg c	201

<210> 24084

<211> 273

<212> DNA

<213> Homo sapiens

<400> 24084

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cattagctac taaggtacra agtaagacrm agkttataa ggaagacagg gcatctaccc	120
aagtcaacag ttcaktgaca tctgttattt gaaccacaca ccaatgcaac cgaagtagnn	180
tgctgaaagg gtgagaagaa ggaatagatt actatgcatt tttgmaggga tgaagaaggc	240
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<210> 24085

<211> 166

<212> DNA

<213> Homo sapiens

<400> 24085

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tccagcgaac ccaacgacct ggctctgcaa gagaraaaca acctgaataa gccggttaatt	120
gtgaacaggc cgctcgctga gaccttaacg tcccctaagc cccac	166

<210> 24086

<211> 116

<212> DNA

<213> Homo sapiens

<400> 24086

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gtaagtgcct cactaacagc tcatggtgta aggtgacct ctctggaac cccct	116

<210> 24087

<211> 243

<212> DNA

<213> Homo sapiens

<400> 24087

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gaaggctggc ctgtgggggt agataatgcc tctgttgact cttaggatga attagaggca	180
caagggtgag agcctggtgt gttcggcaaa caataatcag tgagggggtg acagcgaggg	240
aag	243

<210> 24088
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 24088
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 rctgagatga cagatatccg ccatcacact ggctaatttt tgtattbyta gtavagatgg 180
 ggtttcacca tcttgccag gctggttttg aactgttgac ctcacgggtga tctgcctgcc 240
 tcagtctccc atagtactgg gattacaggt gtgagccact gcacccagcc tgagtcccct 300
 ttttaactng gagagtcccc tttcctggga gtascagtcc tcctccattc cagacacagg 360
 tggttc 366

<210> 24089
 <211> 269
 <212> DNA
 <213> Homo sapiens

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 aggctgaggc aggagaatgg catgaacccg ggaggcggas ttgcggtgag tgcgagatcgt 120
 gccactgcgc tccagcctgg gcgacggagc tagactctgt ctcaaaaacr aacaaaattt 180
 catagtttga tcccatggga aatctgamaa aatgggaggc tgctcagaag ctcgtcataa 240
 caatatcccc tcttatatag atagcctcc 269

<210> 24090
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 24090
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 tagaaataaa aagatcttca gccaggcctt tctgaaggag ttattctgct aaaaatggtc 120
 ttagttgtct gaaaagccag ctcttgaacc tcttcacaac agtatcaaca ctggcttctc 180
 ccggttcatt ttatgcgtgc gagaagtcag tggtaactgc tgcagggctt aatacattag 240
 tggtaactgg tttaaaaaac aaagactgta agccca 276

<210> 24091
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 24091
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 tctwtgktt tccctctagt ggtgcctgtg gagaggtaaa gctggctttc gagaggwdwa 180
 catgtaagar agtagccata aagatcatca gcaaaaggaa gtttgctatt ggttcagcaa 240
 gagaggcaga cccagctctc aatgttgaaa cagmataga aattttgaaa acctaaatca 300
 tccttgcatc atcaagatta rrmrcttttt tgaagcagar gattatkata ttgttttgga 360
 attgatggwa ggg 373

<210> 24092
 <211> 121

004399-022400

004220" 656E7560

<212> DNA
<213> Homo sapiens

<400> 24092
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ttgccttctt taaaattgag gcctccaact ctgacgctga ctggagaatt gaaaccagaa 120
c 121

<210> 24093
<211> 144
<212> DNA
<213> Homo sapiens

<400> 24093
tctcattata aaaatagtc acaaagtaga agggaaatttc ctcaatatga taaagggcat 60
ctatgaaaaa tttacagcta acatcatact taaagggtgca agactgaatg ctttctcctt 120
aagatgagga acaagacca gact 144

<210> 24094
<211> 58
<212> DNA
<213> Homo sapiens

<400> 24094
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<210> 24095
<211> 73
<212> DNA
<213> Homo sapiens

<400> 24095
caaatccctt ataahamgtt acatagtata acctatggas kcatatcctc ccgtatactt 60
taaatacagct tta 73

<210> 24096
<211> 238
<212> DNA
<213> Homo sapiens

<400> 24096
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cttmagmaaa tggttttatc gtgactgtga ttcacacttt ctagaacact ttaccagcac 180
ccagggacat ggacttgggt gttcttattt atgggtgtgta tgtaaagaga tagggggc 238

<210> 24097
<211> 358
<212> DNA
<213> Homo sapiens

<400> 24097
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catagaagga caaccaact ggttctgarg taagtgaatk garacaasat kggracttcc 120

ctgcaaacca	gggaatgtgg	gagtgatcat	ctgattggcc	tagcttgggt	taggtgtctt	180
cacatggccc	aatcagctac	agtcgtacar	rccatattag	gcaaattaaa	acagcggctg	240
aaagccatcc	ctggctgggtg	ggttgaggag	atggmagcca	tcaggtgaag	gggtgatagg	300
ctgtataacc	accctgacaa	tamcaaatat	gccccatcct	tccttgaaac	ctttcagt	358

<210> 24098

<211> 123

<212> DNA

<213> Homo sapiens

<400> 24098

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ctc						123

<210> 24099

<211> 163

<212> DNA

<213> Homo sapiens

<400> 24099

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tttgagcaat	acctaacatt	gaaattgact	tgtcagaggg	taggtgtttg	tttaattctg	120
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<210> 24100

<211> 348

<212> DNA

<213> Homo sapiens

<400> 24100

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agaccatcgc	cttccagggt	agctccctcc	ctcaaaggga	aggaaactga	tgtccagaaa	120
agttatgact	cgccccaagg	ggattgcctg	gcaggacgtg	aaggggaaga	ggccccacct	180
ggagtaaccc	tactggaga	atccagaggt	gagatgagcc	ttgtacctat	ctcagcagag	240
ggagtaggat	aatattttaa	tattaagggt	ggggamaagg	aatgaaggca	agaaataaaa	300
tgccaraat	gccccaaacg	ccatccggrc	cataaaagtg	acggctga		348

<210> 24101

<211> 165

<212> DNA

<213> Homo sapiens

<400> 24101

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ttttgtgcat	tttgatgtta	acagtccctt	atcagatgtg	tcttttgcaa	ctattttcca	120
tcagtcaatg	gcttctcatc	ctgttgacgt	tgcctttcac	gaagc		165

<210> 24102

<211> 298

<212> DNA

<213> Homo sapiens

<400> 24102

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catctatata	aaatgtttta	tttgggattt	kaaactctggr	atcttatgta	ttataaatgt	120
tattctataa	tataaagtaa	ggtattaaaa	taataaatca	taattggacc	ctatcgtgct	180
aaaatgacat	aattttctta	atttacagca	gtkactcact	ggactttgat	gttgaatrra	240
tccctttktw	gwtgtttgtt	tcaaaaagct	acagattata	aactagaatt	aaggcccc	298

<210> 24103
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 24103						
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aaaggtagcc	caatatctta	ctckgcttgc	ttctkgaat	cagcmaccat	c	111

<210> 24104
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 24104						
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gagaacttag	gcacctggcc	tctagcaagt	gcctagttag	cattagckgc	taagatgatg	120
gtgattctag	caggctgata	agatgagaca	gcactcagta	acttcgaacc	aaagcagacc	180
ccaccttttt	ttcccctctg	crttaagtcc	tcacctaatg	tcattccaaa		229

<210> 24105
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 24105						
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aatcatgtca	ctgaggcgga	aggattacat	gagcccagga	gttcaagacc	agcctggcca	120
acatgacaag	accttggctc	aacaaaaaga	ttcaaaaatt	agctggcatg	gtggcacact	180
cccgtagtcc	cagccacttg	ggaggctgag	gcaagaggat	tgcttgagcc	caggagggtca	240
aggttgcagt	gagctgtgat	cctaccatgc	acttcagcct	gggcaagaga	gcaagactct	300
actgcacaca	caca					314

<210> 24106
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 24106						
acagaagaat	agagaggctg	ttgcagcccc	gtgctttctc	ctgctgctgg	ccgattgctt	60
gctctgaact	aaccctc					77

<210> 24107
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 24107

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aggctgatct	ttgttttgtg	cactgtggcc	ctgccaggca	tatagtgaag	gtgaatgtct	120
tctccctcag	aaaaaaattg	gttccttgct	gtcccagtaa	ggcatagctt	ttccagccct	180
aactttaaaa	ctcagtgagg	accat				205

<210> 24108

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24108

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acggcaagac	tgacttcagt	kcctgctgga	ctcattactt	cttttttaggg	ggraatgttt	120
gtdtctcagg	ctgtgactgt	caatgacgtc	cactggcccc	tgtgggccc	tgccaccctc	180
aga						183

<210> 24109

<211> 294

<212> DNA

<213> Homo sapiens

<400> 24109

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tttcaggatt	tttattaggw	wcttttagcc	tagtcattwt	ttacaaatgt	gatttataat	120
acgttttwtc	amratatgtt	ggaataaaaat	tcagacatta	catgttaata	tttattaagt	180
tgtgtatcat	tgwtattcat	ttcatatctc	attttaaaww	ttggtttttag	actgaaaata	240
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<210> 24110

<211> 258

<212> DNA

<213> Homo sapiens

<400> 24110

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taacagccag	tctacctgaa	gcagaggagc	tgatcgcgcc	tggaacggcc	gattcaattc	120
gatattgtgc	ttcctgctac	agaattcctt	gatcagaaca	gagggagcag	gcgtaccaac	180
ccttttggtg	aaactgagga	tgaatcattt	ccagaagcag	aagattctct	tttgcagcag	240
atgtttatag	ttcggtgc					258

<210> 24111

<211> 275

<212> DNA

<213> Homo sapiens

<400> 24111

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tcttggtctc	agatgatcct	ccctcttctg	cctcccaaag	tgagatatca	cagttatagt	120
tttaggtact	agcaaatcaa	tgcaaaacta	ttaaaaatat	tgatccaagc	tgggcacagt	180
ggctcacacc	tgtaatccca	ggctcttttg	gaggctgagg	caggtgatca	cttggagcct	240
aggagttcga	gaccagccag	ggcaatatag	cggga			275

<210> 24112

<211> 325

<212> DNA
<213> Homo sapiens

<400> 24112
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tgggagggca aggcaagagc ttgagcttga gcctagacgt tamagaccag cctgggcaac 120
acagcaagac ccattctctac aagaaattta aaaactagcc aggcgtggtg gtgcgcgcct 180
gtagtcccag ctacttggga ggctgagccc tggaggtcga ggctacagtg agctatgatc 240
acaccattgc acttcagcct gggcgacaca gcgagaccct gtctcaagac aghaaagaav 300
magagacaaa ttaccagac cccat 325

<210> 24113
<211> 215
<212> DNA
<213> Homo sapiens

<400> 24113
atTTTTgtt gttgctgcat tgtgttaaag taatgtcact ctaaataact actaaccaaa 60
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gtaaaagtag actcttaaat ttaaaaatgr agacctaaaca taggtgtttt tgTTTTaaat 180
ataggctgaa tgtagtaaca ttagtagatg gctg 215

<210> 24114
<211> 302
<212> DNA
<213> Homo sapiens

<400> 24114
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attcgacaca agcaggaact tgatttttta agaaaaaata ttacattttg aggacatttt 120
gacaagttag ggaagagagg gcttctgttg ttttgttttg ttttgttaac taaacctgaa 180
gtattaattc cacaagaca ctgtccctca ggaccactca ggtacagctc tgccagggac 240
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ct 302

<210> 24115
<211> 162
<212> DNA
<213> Homo sapiens

<400> 24115
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tgccaccatg cccggctaatt ctttgactt ttagtaggga cagggtttca ccatgttggg 120
caggctggtc taaaactccc gaccttga tccgcccgc tc 162

<210> 24116
<211> 169
<212> DNA
<213> Homo sapiens

<400> 24116
catctacttg ggaggctgag gcggagggat cgcttgagcc tgggaggtca aggctgcagt 60
gagctatgat cctataagt cactgcagcc tgggtgacag tgcaaaccct gcccgccctt 120
tcccctccaa aaaaaaac ccaaaaaaac cccrcaaaa aaccaamaa 169

<210> 24117
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 24117
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 atagattcaa ttcaatgtca attaaaatcc cagcaggctt tttaaaaata gagattgata 180
 agatgattct gaaatttatg tggggag 207

<210> 24118
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 24118
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 tggaaaaaca tttctcttta gtttcaaaaa ccatatataa ttaaatttgt aaggatatat 120
 tgagtaccct agccaaca 139

<210> 24119
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 24119
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 cagccagttt atgtctttta tgtggaatgt ttaatcaatt tacattcaac attattactr 120
 atatgtgagg ggcaa 135

<210> 24120
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 24120
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 taattatctg ctaccacttg catgatgaag tgttctagcc tgattaaaag ctgratangg 120
 ackasaggag ggctgtaaca atgggaggga gac 153

<210> 24121
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 24121
 atcgacmnca tcaaattaaa aactgccata aagtgagggg aaatacatgc aaaaggattt 60
 ttatctggaa tatataatgt tctctcaaaa gtcaataata caaaacaact cagdnatata 120
 ggcaaaacac atgaacagac acttcaccac agacaatgta cacatatagg caaaacacat 180
 gaacaagg 188

<210> 24122

<211> 247

<212> DNA

<213> Homo sapiens

<400> 24122

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acatgtcttg gatttagttt gtattcatag attttgtaa ggatcaggcc tgtgaacatg	180
ggcacagtga ggtaaataa ttcacgtggc cacaacctgg ctttgagggt ctgcttttgg	240
cggccaa	247

<210> 24123

<211> 98

<212> DNA

<213> Homo sapiens

<400> 24123

aacacggtga tcttctaagc agttaartga ctgactgttc tggcaacaac gacttctccg	60
tgactgaagg gccctgttca tttcctgata ctgaaggc	98

<210> 24124

<211> 151

<212> DNA

<213> Homo sapiens

<400> 24124

agagcgcaact tccgctgccc tttctttcgc cagccttacg ggcccgaacc ctgctgtgaa	60
gggtgcagta cctaagccgg agcggggtag aggcgggccc gcaccccctt ctgacctcca	120
gtgccgccgg cctcaagata agacgtggcc c	151

<210> 24125

<211> 120

<212> DNA

<213> Homo sapiens

<400> 24125

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agcatataaa aaaatgctca atatcattaa tcattagaga agtaaaaatc gaaaccacat	120

<210> 24126

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24126

aatgtammat gaatgcagga aatatatcac cactaggcag atattacatt aaacagtaat	60
cattgtaggc aagatccact gacagatgtt aaaatcagtg gactaaagtt taataggarr	120
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<210> 24127

<211> 151

<212> DNA

<213> Homo sapiens

<400> 24127
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 ggctcactgc aacctmtgcc tcccgggttc t 151

<210> 24128
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 24128
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 cc 122

<210> 24129
 <211> 124
 <212> DNA
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<400> 24129
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 caca 124

<210> 24130
 <211> 235
 <212> DNA
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<400> 24130
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 aattttaaca gctttattaa aatataattc atttctccaa aaagaaacca tgtattcatt 120
 agcatttact ttcccawttc trsccaatct tctttccac cttggtctag gtggtagcta 180
 acctactttc ttcttattct gggcacttca tataaatgga atcagccggg cccgg 235

<210> 24131
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 24131
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 aagaaatgcc tgaggccagg cacggtggct catgtctgta atcctagcac tttagagagac 120
 tgaagtaggc agc 133

<210> 24132
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 24132
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aagcccaagt gtcacttga 139

<210> 24133

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24133

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caccattaa ctcatcattt agcattaggt atatctccta atgctgtccc tccmcccts	120
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<210> 24134

<211> 235

<212> DNA

<213> Homo sapiens

<400> 24134

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tctgcacaag ggtaactgac cattgtgaac aaggaggccc agaagggtggg attcttcatg	180
atctcttcct attcattcac aattatatat atagggttatt artacaccag tgaaa	235

<210> 24135

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24135

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aaattaactg ccacaaagtt gtaagggata ttctattaga gcagtcacta cagagccaca	180
agaaactcaa actaactara atgwgg	206

<210> 24136

<211> 310

<212> DNA

<213> Homo sapiens

<400> 24136

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agcatgtctt attttatgta attttaagaa atactctatt taacttgtga aatataccta	180
aaagcatact agtttagctt tagactctca cttagggagg gtaaagaaac atcactgatg	240
tcaatatgaa gatctataaa caaatccttt gtttagaact tttttctctt cgtgcacctc	300
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<210> 24137

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24137

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aatttttttt cattccataa cgaggatcta agtaaggatt ttcagtggca aatgagggag 180
aga 183

<210> 24138
<211> 207
<212> DNA
<213> Homo sapiens

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tttatatgaa gaaacagaaa aattagagca actcctacct aaaaagtta tagtattgta 120
aaagaagaat gattcggaat cattcccaaa tatttttaag gcctaacaat ctgcattcac 180
ccttctcagc cttagtccca tccccag 207

<210> 24139
<211> 148
<212> DNA
<213> Homo sapiens

<400> 24139
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caagcgattc ttgtgcctca ggccccgg 148

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<211> 195
<212> DNA
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cccactgggc caaga 195

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<211> 151
<212> DNA
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attgactcaa aggtattaga acagaccgcc a 151

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<211> 168
<212> DNA
<213> Homo sapiens

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ataaaacatt tgttgaaatc taactgcac cccaggcta ctgctttatc aaaactatgt 120

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<210> 24143
<211> 127
<212> DNA
<213> Homo sapiens

<400> 24143
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gtggttgagg aaaaattgca gaaactgcag gaactagaga atagactcag tttacaagat 120
ggccaaw 127

<210> 24144
<211> 91
<212> DNA
<213> Homo sapiens

<400> 24144
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tgtaaccatg ctgtatatgc taccacactg c 91

<210> 24145
<211> 178
<212> DNA
<213> Homo sapiens

<400> 24145
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ttagctccaa aatttgctca attctttktv atkatttcaa tctctttgk aaatttacct 120
gacagavtta tgrattcctt ctctatgtta tcttgaattt ctttgagttt ccccata 178

<210> 24146
<211> 123
<212> DNA
<213> Homo sapiens

<400> 24146
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gag 123

<210> 24147
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<212> DNA
<213> Homo sapiens

<400> 24147
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agaaaggatg ctattcttga atgtggagtt ggtagtagt gctgccact ctagattatc 180
tcttctcttt taatttttga aattacttcc ttaatttggg tgggcaggaa ttaaaatata 240
gagaaca 247

<210> 24148

<211> 158

<212> DNA

<213> Homo sapiens

<400> 24148

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<210> 24149

<211> 199

<212> DNA

<213> Homo sapiens

<400> 24149

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ttggccacaa	agmttcagag	ttaggagcta	tacaaagatc	tcctaggcaa	ggggcagtaa	180
tatgagctca	ggtggcgak					199

<210> 24150

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24150

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gaggaaggca	gctgttacc	aagccctgca	cctccatctt	cccagagtct	cgtgggaaac	120
agatttcaaa	cgacaacaga	cagcaagact	gagaaactac	gaaagatcag	cctggtta	178

<210> 24151

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24151

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gtagaaaaaa	aatgaacatt	ctagcctcta				150

<210> 24152

<211> 95

<212> DNA

<213> Homo sapiens

<400> 24152

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<210> 24153

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24153

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gtccacctcc	agcaaaaggc	tagcaggggt	ggtggggaca	ctgaggctgg	cttgatttcc	180
catcctgccc	cccatggtt	g	gtcgtgggaa			211

<210> 24154

<211> 158

<212> DNA

<213> Homo sapiens

<400> 24154

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aacagactcg	atgcaagtgt	ttctgttctg	ggaggtag			158

<210> 24155

<211> 114

<212> DNA

<213> Homo sapiens

<400> 24155

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gtggcgattc	ctcagggatc	tagaactaga	aataccattt	gaccagcca	tccc	114

<210> 24156

<211> 186

<212> DNA

<213> Homo sapiens

<400> 24156

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tggtgccttt	ctgagtgtct	aaaacttgac	acccttgga	aatctttcaa	cacacttcca			180
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<210> 24157

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24157

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ataggtttagc	ctat	ttttact	tac	ctttaa	atacttg	tta	180
agagtttttc	at	tttcaatc	agagggtac				210

<210> 24158

<211> 230

<212> DNA

<213> Homo sapiens

<400> 24158

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gtcatccctg ccagtcagtg tggctcactg attgggaagg ctggcaccaa gatcaaggrg 120
atccgagaga ctacgggtgc ccaggtacag gtggcagggg acctgctccc caactccaca 180
gagcgagctg ttacggtatc tgggggtgcct gatgccatca tctgtgctgc 230

<210> 24159
<211> 145
<212> DNA
<213> Homo sapiens

<400> 24159
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ctaactggg accatgccat ctttctagca taatggagaa gtctgaactg aggagtatct 120
ttgatgaaag acatttagga ccctc 145

<210> 24160
<211> 133
<212> DNA
<213> Homo sapiens

<400> 24160
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cacctcttct ctttctaga caaggacagc aggaagagcc ttgccaggac ctgctcccag 120
ctccacgacg aga 133

<210> 24161
<211> 203
<212> DNA
<213> Homo sapiens

<400> 24161
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agcggcactg tccctgctcg gttgcaggca gtgahcctst cccacacccc gamtcagtgc 120
cagctgtgtc ctgagtccaa ggtggtacat taggtgctta atgtttatcc cttacaaga 180
caaacattaa cagggtggtc gcc 203

<210> 24162
<211> 216
<212> DNA
<213> Homo sapiens

<400> 24162
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actgagcttc ttgaatctgt aggtttatgt cttttgctaa graaattttc agccrktatt 120
tctttgagta ctttttcagc cccatcctcc tctttctctc cttctggaac tctgatgaca 180
tggatgttag agcatttgtt ataatccac aggcgc 216

<210> 24163
<211> 396
<212> DNA
<213> Homo sapiens

<400> 24163
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aaatttaaca gaaatctggt ctccaaaacc ttacagcata ataagaaagt cagatatgtg 120

aataagagtg	aactttgcaa	ccacacgagg	cacaactgag	tgttacagca	aaagtcaaaa	180
caagcaaagg	acaaagaggg	tgactagggt	caataataat	tgtacattga	aaaaataact	240
aaaagagtat	aactggattc	tttgtaacag	aaaggatgaa	tggttgaagg	tatggatacc	300
ccattttcca	tgatgtcata	ttacacattg	catgcccggt	atcaaaacac	ctcatgtacc	360
ccataaatat	gtatatacct	actatgtavm	ntacct			396

<210> 24164
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 24164						
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cacctcattt	tccatcactt	gccatcaagt	ctccacagtg	agggtggctt	tctgcctgac	120
cctgtggatg	ccctgcccac	tttt				144

<210> 24165
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 24165						
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ctcatcaatt	ttacaggtct	caagaaagca	ccaacctgtg	agccaaagga	gccatcttaa	120
tgkcttttagg	tcattaattt	takacatagc	atgktcttta	ctacaaggc		169

<210> 24166
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 24166						
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gcctctgcct	cccaaagtgc	tgagattaca	ggcttgagcc	accgtgcctg	tccttgccca	120
tgtagttata	tgtcttttct	tttatttttg	agacaaggtc	ttgctctgtc	gcccaggctg	180
gagtgcattg	tgtgatctcg	gctcactgca				210

<210> 24167
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 24167						
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kcacagcggt	caaagattta	ggggggaaaa	actactacat	tcaaagggaa	caagatttca	120
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<210> 24168
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 24168

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aaccatgtta	tggatgggtg	ctgggttcac	aggttttctt	aaactagaat	cacaattgtg	180
taaaatattc	tgctagaaac	aaacccttct	tgagatgaca	ctgaaattct	gtctggcttc	240
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<210> 24169

<211> 192

<212> DNA

<213> Homo sapiens

<400> 24169

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ggagaacgaa	aggaccaact	gccatgaagg	gacagtgacc	ataagcttga	tggaatgacc	120
ttccgkaaga	taaacatggg	aagcacaagt	gagaacacct	ggaaatgtta	cacgttctag	180
tcaaagaccc	ga					192

<210> 24170

<211> 285

<212> DNA

<213> Homo sapiens

<400> 24170

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cagagattcc	ccttcttctt	cgtttagtct	tgggaggggtg	tatgtgtcca	ggaatttacc	120
catttcttct	tgagtttcta	gtttatttgc	atagagggtt	atagtattct	ctgatggtag	180
tttgtatttc	tgtgggatcg	gtggtgatat	cccctttatc	atTTTTtatt	gtgtctattt	240
gatttttctg	tcttttcttc	tttattagtc	ttgctagagg	cctcg		285

<210> 24171

<211> 172

<212> DNA

<213> Homo sapiens

<400> 24171

agaccatcct	gaccaacatg	gtgaaacccc	gtctctacta	aaaataaaaa	aattgccagg	60
cgcgggtggt	cacccctgta	ctcccagcac	tttggaagc	cacggcggga	ggatcaccta	120
aggtcggaag	ttctagacca	gcctggccaa	catggtgaaa	ttctgccggt	ag	172

<210> 24172

<211> 324

<212> DNA

<213> Homo sapiens

<400> 24172

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gaggcacaca	gggttctctc	tcaaatgcag	agcagctgag	gaagcagggg	gcagtgtcaa	120
tcgaagagca	atgacatttt	tcagtgatcc	ctgacctgta	atggactcag	tgacatttcc	180
tgctaatacca	tgggtttcta	tgctctgagg	tttcatctgt	ggggaacagt	attgacttac	240
ttacaaagag	ataatgatca	taccctatgg	tcactcacca	tagtctggcg	gtacatggac	300
ttctcagccc	caccccaacc	aaag				324

<210> 24173

<211> 252

<212> DNA

<213> Homo sapiens

<400> 24173

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ctgtccattc	taggcgaggc	cagggcaggc	gacaaggaag	caaaagctgc	cgctacgcta	120
ttcaaggccc	ctggtgggca	gctgatctca	aagatcttta	ttggctgtgc	ctctacttct	180
cctgaaaccc	tacacctccc	tagggaaggc	ctgacctctc	aggggcttcc	atggctggtc	240
cccaccccca	cc					252

<210> 24174

<211> 407

<212> DNA

<213> Homo sapiens

<400> 24174

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aagaaatara	tatctttaat	gawmgasaaa	attcttcaaa	agaaagagaa	gctttccctt	180
catattctta	agaacaggta	actaagatcc	aattattaac	gtgctttgaa	aattcacgca	240
ttttttaaaa	ttagaaactc	accttggttt	ttctacccat	gtagttttct	gcaaaccaat	300
cagaatccat	ggcttttaaaa	tttgccaaaa	tctgaccctg	gaagagarna	taatcgatna	360
gaacctcggt	attcatgttc	ctctacgctt	tcttatagga	atgggttt		407

<210> 24175

<211> 333

<212> DNA

<213> Homo sapiens

<400> 24175

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gacttgctag	aaaccaactc	tgatggcacc	ttgattatag	acgtctagct	tctagaactg	180
tgagaaaatt	aatttctggt	gtttcagcta	cccagctctg	ggtatttttt	gttatggcag	240
cccaaagcag	actaatat	tcacgcatga	caggtctgat	gatatcccc	cacaagattg	300
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<210> 24176

<211> 106

<212> DNA

<213> Homo sapiens

<400> 24176

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<210> 24177

<211> 385

<212> DNA

<213> Homo sapiens

<400> 24177

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tgatatagaa	gawaganaat	caagtccaaa	gcaatttcat	gagaacagca	tcactgcagg	120

gtagacaga	gctcctaaag	gaatctcata	cggccaaaga	atcccagga	gtaaggctct	180
aatgacaaac	catacgccg	taacaatttt	accaaagaat	agcccaccct	cttgcttccc	240
atagcatttc	tcagcaaadc	taacttttgc	tagaacttgc	taccaaactct	aggaaacttt	300
cctatttgat	tattcagtgt	gtctctccat	cacaattata	tcatacagta	ataattctga	360
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<210> 24178

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24178

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ctcggggcaa	ggcrrccgtt	gtccaacgga	gaggcccatc	gtatccaggg	gcaatctgcc	120
agaacagcag	gggcaggatc	atgaacatac	acgtactcct	taacgattcg	agattgagtc	180
gagcacccca	ggagggatag	gctggctagc	ccaatcagca	ttaagccttg	agagcatctt	240
csagttcctt	tcgttctttc	ttagcctta				269

<210> 24179

<211> 337

<212> DNA

<213> Homo sapiens

<400> 24179

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ggtcattttc	tcattgtagct	gtcttttcag	ttatggtaaa	ctcttaaagt	tcagaacact	120
caacagattc	cttcagtgtat	atacttggtc	gttcatttct	aaaatgtgaa	gctttaggac	180
caaattgtta	gaaagcatca	ggatgaccag	ttatctcgag	tagattttct	tggatttcag	240
aacatctagc	atgactctga	aggataccac	atgttttata	tataaataat	tactgtttat	300
gatatagaca	ttgatattga	ctatttagag	aaccgaa			337

<210> 24180

<211> 60

<212> DNA

<213> Homo sapiens

<400> 24180

artcggctcg	gaattggact	tgggaggcgc	ggtgaggagt	caggcttaaa	acttggttga	60
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<210> 24181

<211> 88

<212> DNA

<213> Homo sapiens

<400> 24181

atgactggaa	gataggcatt	catgctatag	gtcccatctg	ccagaaatgt	tagtttccaa	60
tatcctagtt	acctgtctct	tgataact				88

<210> 24182

<211> 394

<212> DNA

<213> Homo sapiens

<400> 24182

004220" 66CT560

catattttaa	gaaatatagt	tccattat	tcaggta	actaccag	ggaagg	60
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taattaaca	atcaatttg	ggataaat	gcatttct	agtgttg	ggtatttaa	180
agattttgt	ctcctctga	tatvagca	tgctata	ttggttta	gcattgctt	240
ctttatcgt	ttccagca	ggcttcaa	tgacctaa	accacagc	gacgcta	300
atgagcttc	tttcagcca	aaattg	gcacatca	cactttct	cagagttc	360
ttaaaac	gaggtctac	ttttcctt	g			394

<210> 24183

<211> 239

<212> DNA

<213> Homo sapiens

<400> 24183

atTTTTgtat	ttttagtaga	gacggggtt	cgccgtgtt	gccaggctg	tctcgaatt	60
ctggcctcaa	gtcatctgc	cacttcggc	tcccaaagt	ctgggatgg	aggcgtgcg	120
atcacaagg	caagagatc	agaccatcc	ggccaacat	gtggaatcc	gtctctact	180
aaaatataa	aattagctg	gcgtagtgg	gcgtgcctg	agtcccagt	actcggacc	239

<210> 24184

<211> 220

<212> DNA

<213> Homo sapiens

<400> 24184

acttttgggt	ttaagtaat	ctcccgctt	ggcctccaa	agtgtctgg	ttacaggct	60
gagccactgt	accagctgg	aatctcatg	ttaatatcc	agacctgtc	caaactact	120
gaggtgtagc	ctcttagact	gtacaaggc	aacggcagc	agagagctc	cactggaag	180
gaattaatct	ctaggatgg	ctagagggt	gaggaaccc			220

<210> 24185

<211> 113

<212> DNA

<213> Homo sapiens

<400> 24185

tgatcacacc	ccaatttctg	ccaccactcc	cagcatccac	ctgggatagg	tcactctgac	60
atacacaca	acacaaacac	acaaacacac	acacacacac	acacacacac	caa	113

<210> 24186

<211> 83

<212> DNA

<213> Homo sapiens

<400> 24186

ttctgtttta	tttagccctg	ccatgcacca	cattaatttt	atgaacataa	atgatattta	60
aattttcttt	tttttttttt	ttt				83

<210> 24187

<211> 216

<212> DNA

<213> Homo sapiens

<400> 24187

aggtcatttg	tgttggtctc	catcagttgg	tatatcttat	catcacatga	aatggaggct	60
catgttggtc	ttaaaatggt	gagattttac	tactcaagac	acctagaata	aattgggggt	120
gatgtcataa	tgatccctgt	tacattataa	ctaggccttt	actaccaatt	cctttgaccc	180
tgcagcctgt	aatagggtac	gctatcctga	ccctc			216

<210> 24188
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 24188						
acagacgtca	tacagccctt	gaggaatagt	ttctgcctgg	tgagattgaa	tgatagttct	60
cattcacaaa	accctggatt	ctaagcaggg	acacacagaa	attactttcg	caggtaaadc	120
agccacccc						130

<210> 24189
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 24189						
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acaaggacaa	tgctgcccgc	gtgcggcgtg	acgaggccca	ggcccgggag	gaggagaagg	120
agcgtgasgn	agga					134

<210> 24190
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 24190						
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ccttttagact	gctcagtgag	gcaggaaaagc	ggagaacttt	cttgtaacac	tcagcagcct	180
gaagggcctc	actccccatg	aaacctaag	aaaattgaag	acttgaaggc	tccaggagtc	240
acctaattgca	gcagtccccc	ta				262

<210> 24191
 <211> 456
 <212> DNA
 <213> Homo sapiens

<400> 24191						
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ccccccaaat	cattgagaag	gacgttttgt	ccgcattttc	ctaacataaa	tctttctctc	120
cagatggaag	attgaagtct	cattgtgcta	aggaggaagg	aagtgggggg	ggggtgcatt	180
tagaaatctg	ctatatcaag	aaagacatta	aaaattgata	aaggtaggac	tacctgtttt	240
tatattctcc	cacatagcat	gtgttttaaa	gaatttgctt	ataatttggt	tcaaacgctg	300
acattttact	cstaagctat	ataattgtgc	ttgatttttc	cagagtaaaa	ttcgtattct	360
gtgacgagac	taatatgttc	acctactata	aaaattactg	cctgtggtaa	cagcgagaat	420
aaaaatctcc	tttgtgtaca	taatagctgg	cagaga			456

<210> 24192
 <211> 168

<212> DNA

<213> Homo sapiens

<400> 24192

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gaagtttagt	gttagctttc	tatcatttcc	acttgaaaga	atcccaaaca	tggtcttggt	120
ttatctcaca	actacagtca	taagcccctt	ctctttatcc	cgccacag		168

<210> 24193

<211> 393

<212> DNA

<213> Homo sapiens

<400> 24193

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aaggaggaca	gtgaaaaagt	tccgagcttg	ttaactgatt	atattctgaa	aggtgagttt	120
tataatggta	taggtgcgat	ggctgggagg	tttggattag	tcagtaaata	catcgccctg	180
ctaatacatt	agacagtaac	ttcccaatgc	acaactttca	ttaatcttat	tatgcagggg	240
gaggattagc	tacatgactg	acttctacca	acattatata	tcattggttt	atataattta	300
agttttattg	gaggttctgg	gttgggraaat	aatctccaca	gttaaaactat	aaacatcaag	360
agaggtagta	gaagaaaatt	agtgagatgg	ccg			393

<210> 24194

<211> 260

<212> DNA

<213> Homo sapiens

<400> 24194

ttgatataaa	ataaggagta	agaggctgtg	ctttggctca	acagcaagtt	ctcactgcta	60
aaaagcctct	gattctgccc	tgtctgtgta	ctttcctgta	tcgggggagg	gagagactgt	120
gcaggtgttt	aaattgggac	ttgaaagctt	tagatttgtg	ttgtccagaa	aggtagccac	180
tgaccacatg	tggctatgga	gcacttgaaa	ttcagctagt	ctgggttaag	atgtgctgtc	240
aatgtgaaat	acaccacagt					260

<210> 24195

<211> 239

<212> DNA

<213> Homo sapiens

<400> 24195

tgtctcaaaa	taataataat	aataattcac	ttttggaaac	tgttccctac	tagatttcaa	60
acaacttggg	aatgaaatcc	tatttgagtt	catccatgtg	tatttccaac	aagttcagtg	120
tcttacttat	aaatagtact	tgaaggaatg	aatacaactt	tttctttatg	tagttatttt	180
acacttgatt	taaaggaact	ttaaaaagac	gcagttatac	ctagagacag	acgccctcg	239

<210> 24196

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24196

tcagagtgat	agcctagatg	tattgaaggc	atctcttatt	ctgccaaatc	ggaaagtcag	60
ttctctaaag	cccgggttag	ccagaccata	gggttttatt	ctgggtgcag	aataactggc	120
tggtgtggct	ttgcaaaggg	gggccctg				148

<210> 24197

<211> 246

<212> DNA

<213> Homo sapiens

<400> 24197

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aatgctgtaa ttcttccaga ctctgagaag taccaccttg accgccttca aaaaaatcca	120
ggagaatttt ctgatttact agccagagac tctttttccc tacccttatt ttctctcaaa	180
gatacagagt ctttctctct gttctaagcc acctaaagct gggagaagaa agacacaagc	240
acccccg	246

<210> 24198

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24198

tcagattagg accattttta aaaaagagcc ttgttgtgat atgattggca taccaatgtg	60
tacatttaaa gcacacaatt tgatgtkbgc cctatgtatg aggataaaac tatcacaatc	120
aagaaaacga acatattcat caccocag	148

<210> 24199

<211> 141

<212> DNA

<213> Homo sapiens

<400> 24199

ataataattt aatattgcat tataggcaat gggataagga tgagaatgtg aagtttagac	60
agagctgcag tcattttctca gctctgccat atactagcct catgcccttt gacaagtcac	120
ataacctctt aaagcccat g	141

<210> 24200

<211> 158

<212> DNA

<213> Homo sapiens

<400> 24200

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agaatagtaa atgtcacctc cttttgaatt ttcttaaagt aactggctgt gttcataggt	120
tagtttaaat tcagccagtt actctagcaa aaccactg	158

<210> 24201

<211> 101

<212> DNA

<213> Homo sapiens

<400> 24201

tatgaaaaca gttttcataa gacaaaattt tgtcttatga aaatagcttt cataatacaa	60
aatacagata gacacctga aatggtctcc agaacaccaa g	101

<210> 24202

<211> 299

<212> DNA

<213> Homo sapiens

<400> 24202

tttttttttc tcttgagatg gagtcttact ctgtcgccca ggctggactg cagtgggtgcg	60
atctcggtc actgcaacct ccacctcaca gggtcaagcg attctcgtgg ctcagcctcc	120
ctagtagctg ggattacagg cacacaccac catacctggc taatttttgt atttttggta	180
gagatggggg ttcaccaagt tggctagast agtcttgaac tcctgacctc aggtgatcca	240
cccgccttgg cctcccaaag tgctgggatt acaggtgtga gccactatac ccgaccagc	299

<210> 24203

<211> 243

<212> DNA

<213> Homo sapiens

<400> 24203

agcaacaag caacagaaag gataaagata aaactgaaaa aggggctcaa gtatgctata	60
ttctagatat taaaaaataa aaataataaa actagtgggt tcatgacaga caggggagac	120
tattttaaca tatatgagac aaaggattaa tacctagtaa aatatgccta attaaacatt	180
ggttactatg tggaccaaga tgttttcact gatcagttct ccgaaacatt taaggaagag	240
tcg	243

<210> 24204

<211> 268

<212> DNA

<213> Homo sapiens

<400> 24204

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cttttcatta aatgtttctc ttctctgtgag acttactaaa gcaacttagt ggcaaaaagt	120
aatgttgtag ttataattct gtacagaaat gacaatgagc tgaatatatg gttttacaaa	180
gtagacatcc acttgcaaaa tgtttggatg taatgttaaa gcgcaatgtg caaaaatttaa	240
aataaagaat atttattaat acgcacga	268

<210> 24205

<211> 307

<212> DNA

<213> Homo sapiens

<400> 24205

gaaatgccaa ggaaattgat tatatttggc atggctctga agtaaaaaaa attcccatcc	60
ctacctcata agtctgcct ttacctccct ctctctccct acatggagtt tcttaactga	120
aggctcaact ttagttttca ggccaatttg gagccaagac aatgtctggc tccaaatggg	180
atttaaatac cttcaacccc tccgttggtg gagttcagag tatatttcca gacagatgac	240
ctctggact ctcatggtgc ccacggagcc tcagctctcc ccactctcta ctttgtgccc	300
tgacatg	307

<210> 24206

<211> 268

<212> DNA

<213> Homo sapiens

<400> 24206

ttttatttcc agttatggat tcaactaaat gactgccttg ggagcacata attactttgc	60
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gagcatatgt tgttaccag cctggctta atgggtgcct gtggggtagg ggtgggagga 180
cgagggggcac ggggccagag catgtgaatg gatcatgggt ggacagctgt gacctgccag 240
cactgcgggt aagcaaaact acaaaccg 268

<210> 24207
<211> 127
<212> DNA
<213> Homo sapiens

<400> 24207
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gccgcctggg cgctggcct gtacggggcg ggggaggcca tggcctcggc tgagttgcag 120
gggaacg 127

<210> 24208
<211> 187
<212> DNA
<213> Homo sapiens

<400> 24208
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taaagatcaa gtcagtgaac ttgggatata catcacctta gaaccattca aattctctat 120
tttgaaatgt agagtagatg gttgtaaact atagtcaccc tgctgatgtg tctaacgcta 180
gtcttag 187

<210> 24209
<211> 104
<212> DNA
<213> Homo sapiens

<400> 24209
tgaggatcatg gtttcacagc tggatttgcc tccttccac ccacagttg ccccccaatg 60
gggcctcggc tggctcacag gatgagggtt caagaagaag gcc 104

<210> 24210
<211> 213
<212> DNA
<213> Homo sapiens

<400> 24210
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tacaacaggg ttacatcctg atacgcatat catataaacc tatcgacat aacctattg 120
gaagtcaagg agcacctgta ttatgttcca gagttatgaa gtttacccta ttctctaagc 180
cagaaccccg ccaccacccc cactcccc cta 213

<210> 24211
<211> 263
<212> DNA
<213> Homo sapiens

<400> 24211
cttcttctcg ctcccttagc tctgggtgtc gggcaccggt gctatgaaac ccacgtagtc 60
gaacaccgtg atgcttcthc tgcaggcggt gtgatgagga ggcgagcttg gctttggaag 120

<212> DNA
<213> Homo sapiens

<400> 24217
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gtacacaata tattgtattc agtatagtga ccatgggtga ctacagatcw wttaaactta 120
ttcctcctgt ctaactaaaa ctttgtgtcc ttgaccaat atctctctct tttcactcca 180
sccccaggac cccagccc 199

<210> 24218
<211> 151
<212> DNA
<213> Homo sapiens

<400> 24218
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aagagccctg gtgtacccc acccacttga gggatccac agtgctttca gcaggagttc 120
aatgtgggta ttcctttacc ctcccagacag c 151

<210> 24219
<211> 183
<212> DNA
<213> Homo sapiens

<400> 24219
cttttaaaat ttactttcga cctgtaatcc caggactttg ggaggccgag gcagggtggat 60
cacttgggtt aggagtttga gaccagcctg gtcaacatgg tgaaaccccg tctctactaa 120
aaaatacaaa aattagctgg gtgtgggtgg gtgcacctgg aatctcagct attcgggagg 180
car 183

<210> 24220
<211> 172
<212> DNA
<213> Homo sapiens

<400> 24220
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ttgtaaggtc tctttaattt mmtttgatct ggaatagctc ctcagttgta ttttgtcttt 120
catgacattt acattttttg agagtacagg tcatttgttt tatagaatgg ca 172

<210> 24221
<211> 232
<212> DNA
<213> Homo sapiens

<400> 24221
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ggactcagca atctgcttta acaagtcctt tggatgatct gatatacaga aaagtttgag 120
aaccactggg ctagggattg ctggaggaga tggtaaagcag tagatggatt ctggtgtatg 180
ttttgaaggk argggatgaw aggacttttg tatatgggag ctgaggaaaa cg 232

<210> 24222
<211> 142
<212> DNA

<213> Homo sapiens

<400> 24222

gagggggtgg ggaagagttc gttgtttgtt tacacgatgt gagcggaaaa agagaccaat 60
aaagttttatt ctggaaacaa aaggaaaaaa aaacakgggc gacggagaaa ggagtcgggg 120
gcgggggcgt gtggcgagg ga 142

<210> 24223

<211> 232

<212> DNA

<213> Homo sapiens

<400> 24223

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aaaggataga aaagttacgt tgatggtgtg cccctcgata tctagaagat agcatagtcc 120
atgcattctc agaaagatcc tatccatgtg gtatgtagag atgtgggtt cttttttct 180
acttttttat gtgcttcttt ttagaaactt atacacacac acacaccaca ct 232

<210> 24224

<211> 209

<212> DNA

<213> Homo sapiens

<400> 24224

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cctgaccggc tgttttaaatt ccattctctg gtgcttgaga tcctctttac gaagtctctc 120
cttccctctg cccaccacac ccttggccav twatcactcc ctgaacattt gttgtagtta 180
ctgataatct cattgtccat ctccccac 209

<210> 24225

<211> 128

<212> DNA

<213> Homo sapiens

<400> 24225

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tgattctctc atctcagcct cccaaagtgc tgggattaca ggcgtgasca ccatgcccc 120
cctgaagc 128

<210> 24226

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24226

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gatgactact agtccctc cctctccct ggaactttct ctttactcc aactttctta 120
ctacatccat cttttctgtg gcgggcaa 148

<210> 24227

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24227
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 tgggtmccct mctctgmsat cacctgaaga cccccacgcc aaacactgaa tgtcacctgt 180
 gcctgccgcc tcgggtccacc ttgcggccccg tgtttgactc aactcagctc cat 233

<210> 24228
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 24228
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 actacaaatg gttctccaaa tggagcccca gatgcagtcc atgactaaga tctactgcgg 120
 acctctrgna ccggmctgct agccccgca 149

<210> 24229
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 24229
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 cacggcaggc ggatcacgac gtcaggagat cgagactatc ctggctaaca tgatgaaacc 120
 ctgtctgtac taaaaatata aaaaattagc tgggcatggt ggcgggcacc tgtagtccca 180
 gctactccag aggccgag 198

<210> 24230
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 24230
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 tcgcacgccc tgcaatgcac ccattctaaag tgtataattc aagggctatt catatattca 120
 caaacatgta aaaaacgac accacagtca ttttgagaac attttcatcg gctcaaacag 180
 aaaccctc 189

<210> 24231
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 24231
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 tatacacatc cattagcacc acacatgaat gcsatcctct tcaagaagta agcagatagg 120
 gctgggsrcc gtggctcatg cctgtratcc cagcacttcg ggaggctgag gcgggaggat 180
 catgagggtca ggagattgag accattctgg ctaacacggc ac 222

<210> 24232
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 24232
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 atgcaggtgt tttggggaga ggtatTTTT aagcaatgaa aattcaactg agtacaaagc 180
 cccctcttgg ggggttggg aagtctcttt tttgaaacac ttcagaactg ca 232

<210> 24233
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 24233
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 tcaagcccc rt 132

<210> 24234
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 24234
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 gtctggcatg gcatcccatg atttgtatTT ctagcaagtt cccaggtgct gctgctactg 120
 ctgggtctgag ggaccactct tttgagagtc acttatctag aaaggTTTT cctgggcctt 180
 gggaaacctt cccagctgcc cttccctctc gagagggtctc ctgtcagtc ctgcctagct 240
 ataggagaga ggacctctac ccagcgct 268

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 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 24235
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 tcaaatTTtg ctctcctatt gctataattc tgctagcaat ctgttgaggt gaaactTggg 120
 atctgamTct tcagcaagca gcaaatgacc tagtaactca gggacaacta tttttgaact 180
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 cc 242

<210> 24236
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 24236
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 gtttgggaga ctgaggcagg aggatcgctt gagccctgga gttctcgacc agcctgggccc 120
 acatagttag actgcatctc taccaaaaaa tgaacaaaat tagccgggtg tgg 173

<210> 24237
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 24237
 gcgtcttcca ttccagagca ggtggcagca gagagttgac actgcctccc tctcacactg 60
 tacacacaca caccctgc 78

<210> 24238
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 24238
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 ccctgccctc ccccagttag ccctgctgtt cccgtgggag ccatgaagct gaacgagagg 180
 agttagctcc actatgcact cagcgactcc ccagcggacc acatgggctt cctgcgcacc 240
 tggggggggc cagggacccc accgaccca 269

<210> 24239
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 24239
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 tttaaagatg taatgtccct ttcagagaca gctgatactt catttaaaaa aatcacaaaa 120
 atttgaacac tggctg 136

<210> 24240
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 24240
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 agcaaatgt gttttaaatg tcagttctcc tgcaggcagc tagcagtaca ctccagctcc 180
 caagagcgag tataccctac tgcagttctc attccttatg aggagcaggg ctaataggtc 240
 ctggctgttg ggcatttgtt ttgttataag gtggagtc 278

<210> 24241
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 24241
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 acttattatt acctaaagaa aacatttggt ccctgttcat tttatttttag gggccagatc 120
 taacattgta gtgtctwdca ccagatagac ttctactgtt tcatcaaact cccttcttaa 180
 ctagacctag actttctact ccaatcaggc taatctactt actgaatgtg aca 233

<210> 24242
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24242

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gagaagggaa ggctccaggc tgcagcgcrs gtnctgakct gccgcgaccc agcctccggt 120
cccacgtcgg agctcagaag cttagggtgc caggccccc gctaa 165

<210> 24243

<211> 138

<212> DNA

<213> Homo sapiens

<400> 24243

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tgatcagtta agaaatttca catagcccac ttacatttac aaactgaaga gtaatcaatc 120
tactcaaagc atgggggt 138

<210> 24244

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24244

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taataaatta atatctatct atacttttct cttgatttgg gtcaagatgt ttgatcatga 120
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<210> 24245

<211> 392

<212> DNA

<213> Homo sapiens

<400> 24245

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ctattaaaac cagcacataa gtattgtaaa tgtgtgttcc tcttaggttg gaagaaatgt 180
ctttccttct atctgggtcc tgttaaagcg ggtgtcagtt gtgtcttttc acctcgattt 240
gtgaattaat agaattgggg ggagaggaaa tgatgatgtc aattaagttt caggtttggc 300
atgatcatca ttctcgatga tttctcact ttgtcgcaaa tctgccctta tcgtaagarc 360
aagtttcaga attttcctc cactatacga ct 392

<210> 24246

<211> 222

<212> DNA

<213> Homo sapiens

<400> 24246

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ctgttaacca aaagagcttt cctcctctca ctttttctt tgtaaacact catgactgct 120
tctctgtctc gagtcatctc tgcattaaact ccccttcgtg gtcactagag ggctctctga 180
tgctttctaa aagaacaact gcttttttac aatgccccac cg 222

<210> 24247

<211> 145

<212> DNA

<213> Homo sapiens

<400> 24247

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ttttaagact gagtttact cttgtcgcct aggctagagt agaattggtgc catcttggct	120
cactgcaact tctgcctccc ggttc	145

<210> 24248

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24248

gtcgggaaat ggcggccgcg gccgggctgg ggcttcagcg ggaggcagca gaggggaagt	60
ggtcagcgtg gcgaatgacg gaagaaactc gcattgtcta ctggatcaag gacagacagc	120
tcaccaaccg tgacagcacc cga	143

<210> 24249

<211> 342

<212> DNA

<213> Homo sapiens

<400> 24249

attgtttcaa ttctaggaaa tgagaaggaa acgtgtagat tgggtggtggt gtgatttgtt	60
gaatatgtgt tacatatggg ctgactagtt cttttttatt tgtcttattt gacaggagt	120
tgaaaccaag attgcacaag agatagccag tctttcaaaa gaggatgttt ccaaagaaga	180
gaacacggga tcagctagtc tagcctgttt ttacaaactg gtaaaactatg ggccaggga	240
ggtagatttg gacgtgatt attgctggac tagagctcta aactgttgat ccaatttgtg	300
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<210> 24250

<211> 174

<212> DNA

<213> Homo sapiens

<400> 24250

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ctggagagga tctaccggg tccctgcctg gccagtggg aaacaccgg ccccaggca	120
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<210> 24251

<211> 169

<212> DNA

<213> Homo sapiens

<400> 24251

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tttgaaaag tatgcaaac tgttttgggt ctgagtgtgg tgactcttgc ctataatccc	120
agccctacag aagaccaacc ttggcaacat ggtgagaccc caccgccac	169

<210> 24252

<211> 251

<212> DNA

<213> Homo sapiens

<400> 24252
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 cagcagcctg gtttcctgga agggcatttt ccacattgtg cgttatggat gatcatccca 120
 ggcatcaggg tatgcacaga tgtggaaaaca ggaactgatg tgtccattac accactagga 180
 cagaggccag aacaatgaag aaaccaaata cttggaagag ggtagagata atgaatggag 240
 tccaagggcc c 251

<210> 24253
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24253
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 tcagggccag ggagacgatg gtctccgtga ctatggccac ttccatccca ggacaccg 118

<210> 24254
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 24254
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 tcctgatgga cttgcgttgg gatgtggggg acacctgtgg catggtaagg ctccctgagt 120
 cccttactcc aggtcagatg cct 143

<210> 24255
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24255
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 taagttgctt gttgaacttt ctttccttta accacaataa tgttcatgct gtcttgggtg 120
 ggagaggttt tattttggtg gccaccccaa attctcagta cattttaatt tctttttttt 180
 ttt 183

<210> 24256
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24256
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 gggatytctg ttaaaaaagt gagattgttc gatggagact aggaagagaa agtgtactcc 120
 tatctgaagt cactcatctg twttcttccc attccttctt ggcgaatgth aagaactgaa 180
 catttggcgt ggacact 197

<210> 24257
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24257

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cgaataaatt	atgtttgata	gatgtagact	acaaaaaaaa	atTTTTTct	agttcatctt	120
gtaaacatta	agtcagagtt	taaggccatg	tgatacggaa	acagctcaat	attagaaatt	180
gtactgagat	taaatatctg	gctctgcac	taactaattg	taaattccta	agcgtgttat	240
tcatacctcc	tggcctct					258

<210> 24258

<211> 403

<212> DNA

<213> Homo sapiens

<400> 24258

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tttgaaattt	tttaccaaga	cttatgtgtk	ctaacagaac	gcaccagggtg	caaataagaa	180
tattgtgtat	ccacttgctt	ttgactggag	agtdctgtac	atgtctgtnt	agccccattg	240
gtttgtgata	tggtgtagat	gccctccaaa	tcgcatgttg	aaatgtaatc	tccactgttg	300
gattggggcc	taatgagagc	tgtttgcac	atggagacaa	atccccctcat	gaatgacttg	360
gcacatcat	agagttctca	ctctactaat	tcacatgaga	gct		403

<210> 24259

<211> 241

<212> DNA

<213> Homo sapiens

<400> 24259

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ttaacgtgga	caagctgggg	caacctggac	gagctggggc	aacctgatct	cggtgtcga	120
agtgggtgtc	ctcaagabaa	ggtgacttgg	tcctcgcgga	cgccagggtg	tgcccccttag	180
ataacctgcca	cctcccagcc	tccgtttcct	ctctgggaaa	cagactcctc	atcacctccg	240
a						241

<210> 24260

<211> 220

<212> DNA

<213> Homo sapiens

<400> 24260

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gacattgggg	atcactttct	tcttgaggga	ggggacattg	ttgctctgtg	gtaaagaagg	120
ctctttgtga	atgccaggcc	ggmaactttt	gatattatcc	agagggcaat	ttttatcaag	180
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<210> 24261

<211> 289

<212> DNA

<213> Homo sapiens

<400> 24261

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tgctgccag	ggctggggc	gacagctcag	tgggcaggat	gtgtgcwkk	tctcagcccc	120
atgtgcctgc	ttgctgggca	gttagtatag	ggcaaagcct	gcctgcggcg	accctggctg	180
ctaggccatt	ctctaggaac	agctgcgact	cataaagacc	aagaagcata	aataaacttt	240

289

<213> Homo sapiens

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ggtagacctc	atcttctagt	aggtaggtct	tgagagtaga	tagctgggaa	gtaaacattt	120
tatgaaactt	tgcaaaatgt	gtwtatttgc	tttcgtattt	ggttcactgt	ttggccgagt	180
gtkgaactct	agacttgaaa	acattgttgg	ttgctggccg	tagc		224

<213> Homo sapiens

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ttaagatatc	ccttttagcat	ttctttgtagg	acagggtctgg	tgttaatgaa	atccctcagt	120
tttttttttgt	cggaaaaagt	tcttatttttc	ccatcaagtt	taaaggccgt	ttttgcctga	180
gacattattc	taaagtaaaa	gtctttttttt	tcttcagctt	ttaatatgtc	atgccagtct	240
ccctgccg						248

<213> Homo sapiens

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tggcctggat atttttatat aaacactctt ataaacagtt ttaagctttt tttttttttt 180
tttcccc 187
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<213> Homo sapiens

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cagttgtatt	gaggtataat	attgccatgt	tttcttaacc	tagctttttg	gaagaaagtt	180
tgggtcaatg	ttaagccaga	atctcttaac	ttctagggct	ttttgatatg	atcttgcata	240
agtttctcaa	actctcactt	ttttattact	cccagataaa	tcttttcagt	agaaatttgg	300
gaaatttttg	catttttaaaa	actcgtactt	gctgatgcag	tttttttctt	ttcttttctt	360
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<213> Homo sapiens

<400> 24266

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agacggggtc	tcgctttgtt	gcctagactg	gtctcgaact	ccgtgctcat	gtgatcttcc	120
caccttggcc	tcccaagtgc	tgggattata	ggtgtgagcc	cactaccacc	ctattatgat	180
tcaactgtgag	acccaagt	ttgggaaggg	ttgttttata	cagtaataga	taatagaaac	240
ctaacaaact	gaagatacat	acactatggc	ttagcaattc	cattsstagg	tgtgcaccct	300
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<210> 24267

<211> 105

<212> DNA

<213> Homo sapiens

<400> 24267

aacaaacaaa	aaaactttta	aggaaccaa	taatgcctgc	atgttttaaa	gtatatataa	60
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<210> 24268

<211> 200

<212> DNA

<213> Homo sapiens

<400> 24268

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ctttgggagg	cccaggcaga	cagatcacca	gatgtcggga	gtagaaacc	agcctggcca	180
acatggcaaa	accccgctctg					200

<210> 24269

<211> 218

<212> DNA

<213> Homo sapiens

<400> 24269

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tggactggac	acctgctccc	agcctccttg	cggataaaga	ctgagaataa	aataaatgag	120
tatttctccc	actttttaaa	tctcagttca	agacttcaga	tattagatgc	atttgggaca	180
tgtttttagtc	attcatgttc	cacgtctgaa	cgggtggc			218

<210> 24270

<211> 445

<212> DNA

<213> Homo sapiens

<400> 24270

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agttgaagga	agaagcagag	aacaatttgg	ctgccttccg	agcggacgtg	gatgcagcta	120
ctctagctcg	cattgacctg	gagcgcagaa	ttgaatctct	caacgaggag	atcgcgttcc	180
ttaagaaagt	gcatgaagag	gagatccgtg	agttgcaggc	tcagcttcag	gaacagcagg	240
tccagggtgga	gatggacatg	tctaagccag	acctcactgc	cgccctcagg	gacatccggg	300
ctcagtatag	accatcgcg	ctaagaacat	ttctgaagct	gaggagtgg	acaagtcgaa	360
ggtgtcagac	ctgacccagg	cagccaacaa	gaacaacgac	gccctgcgcc	aggccaagca	420
ggagatgatg	gaataccgac	accag				445

<210> 24271
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 24271
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 gagactgtgt taataatatt cccagaattg acttttttcc ttggggatca gggcttcaga 120
 ttggttgaaa aaggaataaa gtttttatat gttgtgactt catgttgctt tgagctacca 180
 gtcgggctta cctgtcatca ctgagcatgt gcacatcttc tgtcctgggt accctggggc 240
 aggggtgtgg cgtgtggtga ggaggacg 268

<210> 24272
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 24272
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 gagaaatgga tttgaaggct aatttgaaac aacaatcagc atgacacac 109

<210> 24273
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 24273
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 gcagagagag ggtcagaaat ggttcccata tttctgattt gcagaatgtg gatggacagt 120
 ggggtccattc actgagataa agaaacttgg aaaaagactt ggttgggaga gatgagtttg 180
 cctttggcca tgatggatta gaaatgcctt tgaaacatcc ggggggac 228

<210> 24274
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 24274
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 ctgaatatct gcattttgat atttctcttc aatatgtact ctccattttt tatagcactt 120
 taaaaaactt gatttcaaga taatttcaga cttaaaaaaa gttaaaaaaa atagtacaag 180
 gt 182

<210> 24275
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 24275
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 accaacagat aaataaacag ggggattata gactgtgata actgctatgg agaaaacaga 120
 tgcagagggg 130

<210> 24276

<211> 218

<212> DNA

<213> Homo sapiens

<400> 24276

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tgccatcctc	attgggtaga	gggatatgtc	agattattta	acttgtttct	caatatttca	180
tattttagaa	tataaaatta	taaatgtaag	ggccaaat			218

<210> 24277

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24277

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ggtacacagg	gtcaaataagg	gcaaataatt	ttgtctttgt	ataatagatt	tgatatttaa	120
agtcactgga	aatatcaaat	ctattatata	aagacaaaat	ggccttaaaa	tggtggatca	180
agcaatatgg	tctaaaaaga	tgtccaatgg	tacaagacgc	attcctgtgt	cccctgaaca	240
ggcacgctcc	tacaataagc	agatgcaac				269

<210> 24278

<211> 227

<212> DNA

<213> Homo sapiens

<400> 24278

agtctcactc	tgatcatccag	gctggagtg	agtggcgtga	tctcagctca	ctgcaacctc	60
cgccctccgg	gttcaagcaa	ttctcctgcc	tcagcctccc	aaatgtctgg	gattacaggc	120
atgtgccacc	acgcccggct	aatttttctg	tatttttagt	agagatgggg	gttttaccat	180
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<210> 24279

<211> 418

<212> DNA

<213> Homo sapiens

<400> 24279

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gggtatttaa	attactgttg	agaaacacct	tttttggtgc	tgatgttaac	ttatggtaag	120
ttcctaggat	agaatttttc	cccttactgc	agtgtggttt	ttcagctgaa	ttattttata	180
tactgacatt	tctgcgaaac	accctttgtg	ttggccatgt	tagatttacc	aggaaggaaa	240
aatagaatat	tttgctaagt	gtttaaatag	aaacaatgtt	ttaaatatca	gttatatcta	300
actgagagaa	caatagattt	cttcttagga	aaccttctc	actgaagagt	gtgctatgca	360
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<210> 24280

<211> 366

<212> DNA

<213> Homo sapiens

<400> 24280

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ttttattaga	tatgttactt	aaaaggggaat	taaggggttg	gacagattgt	ggcacacaaa	180
cacacacaaa	aacatgtctg	ttttcacatc	cctagctgtg	gttttaaaat	tgtgttaagg	240
aaatggatca	tttgggttag	taggggaatt	ttatctgggc	ctgtatgttt	gcttttattc	300
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cagaaa						366

<210> 24281
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 24281	
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attttacatt	gtttccttgg ttccaatggc aattagaacc atatttggtt aatgtgtgat 180
aaataatgga	gaggttttga ttattttgtt tgtctagtat tctatcatta ttatcctttg 240
aattctgtaa	ttttgatgac cagaattcct agcadctcat ttacactaga aagggcagag 300
ttttggtgcc	aggtacgggg gtttgggctg gtgattcccc cttggatggg tggggctggg 360
cacaaagtgt	gagaactgtc ttccccaga cattgtccag atgcacatcg agacctgga 420

<210> 24282
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 24282	
cagaatctac	aatgaactca aacaaattta caagaaaaaa acaaccccat caaaaagtgg 60
gcaaaggata	tgaacagaca cttctcaaaa gaagacattt atgcagccaa agcg 114

<210> 24283
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 24283		
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accctgtctc	tgctaaaaat acaaaattag ccaggcgtgg tggcacatgc ctgtagtccc 180	
agctactcag	gaggat	196

<210> 24284
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 24284		
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tcctagggtta	agttccttag tttagatatg gtgaaagatt gaaaatcaca ggactggagg 120	
agtgtatgg	gatcttagat cctagaagga gaattagtgt gttcatcaat ctctagttaa 180	
caacccccag		190

<210> 24285

<211> 256
<212> DNA
<213> Homo sapiens

<400> 24285
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agtcttaact gttgagcctt tcctttcata tccacagaag aactgtctc aaatgttgta 120
cccttgccat ttaggactga actttcctta gcccaaggga cccagtgaca gttgtcttcc 180
gtttgtcaga tgatcagtct ctactgatta tcttgctgct taaaggcctg ctcaccaatc 240
tttctttcac accgat 256

<210> 24286
<211> 300
<212> DNA
<213> Homo sapiens

<400> 24286
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tatcgatcgc ttgaacaaaa ccgctaccct agatgatctt gggcagggtg ggggaatctg 120
tatttttaac aagtgtctca aatgatgctt ggacacactg aagtttgga accacaggca 180
tgtgaataag gttactttta ccagcatgca agattctcca agatatctga tcccaggcta 240
ttgcttcagt ttcacctctc tctctatacc ctgcccagtc cctattccct aaccccatat 300

<210> 24287
<211> 425
<212> DNA
<213> Homo sapiens

<400> 24287
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attaaaattt tattttattca gtcataggag ctacatttca agtatttaac agccatgtgt 120
agctagtggc tacagtattg gactkggcag atatggaaag ttttcattat cacagaatgt 180
tcttcaggac aacactgttt tagaagattg tgtcttttaa ttaatgagat tgagtttagc 240
ttgttcaaaa ataactcatt tgccatttca ggattaattg aatttattag ggtgtktatg 300
taggttttat gtatgggttt tagttatttg aatatgtcat aagttttttt acttgtttat 360
atataggttc aacacggata avagctagga acgtaaacag cttcattttt ttgacagcag 420
actta 425

<210> 24288
<211> 313
<212> DNA
<213> Homo sapiens

<400> 24288
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gtggttgac cgtcactagt agacgtttct gagtgtgtcg cggtcacat ggggaggttc 180
cctgctcaag ctctcttctc ttgtctgctg ccatgtgaga cgtgcctttg accttctgcc 240
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gatgccaaca ccc 313

<210> 24289
<211> 167
<212> DNA

<213> Homo sapiens

<400> 24289

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ccgcttcac tccctgggctt tccctgggtgga ctccctgcct caactctggc tgaaactcag    60
tctagacata tctaataaaa gacggaaaaa gaggaaagag gtgagaaaga aggaatattg    120
aggaaagatc ataatataga agaaaagaaa gaaaacatac aacacccc    167
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<210> 24290

<211> 436

<212> DNA

<213> Homo sapiens

<400> 24290

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ttatagaagt accattaggt taaaaattag agaaatctaa gagatgttat acttagtgag    60
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gttctgtgat tgtaagaaaag attgaaaaca gtttgatatgg agatagagtt gattagcatt    180
tgagctctga aagcagaact ctagtaaaat gatctcgacc taacaaaggg tctgttccat    240
tatatagact attaccataa tccctggatta tttcaactgg gttttggcct ctccattata    300
tgagatcata tgtatatagc taagaagtct gattaaagta tggaaagatt ttaggaaaca    360
ctaagaagat acagggatct ttactgatac ctaanaagat tacrattgag taattgctca    420
attgagtgtg ggggca    436
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<210> 24291

<211> 250

<212> DNA

<213> Homo sapiens

<400> 24291

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aggaagagag aagttgttct gcagccatca gcctggaagt ggtaagtgct ggggggttgt    60
ggggggccat aacaggaagg acagagtgtt tccagactcc atactatcag ccacttgtga    120
tgctggggaa gtccctctac acaagttccc ctgggtgccac gatctgcttc acgagtctgg    180
gcatgtcctg actcctctgt gtaccccagt gtgtccatct tagcatgagg cgttasattt    240
ccccagcatg    250
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<210> 24292

<211> 307

<212> DNA

<213> Homo sapiens

<400> 24292

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caaaccagat tttccttaga gccatcaatt gtagatgcaa gcaggtgatt tttttaaata    60
aaaatcataa taatatgtta gtagcatttt agcaaataa aatcaaataa ttatgttggt    120
tgttagaaag ctactttagg aatgaagcag tacattataa ataattctag ggatctgaca    180
gttacttgtg tctagtagtg cttttgttta gatgcttgct tttatgtgtg gtaaaaaataa    240
taatagaaaa ataactcacc atatagtcca ccatgcagcc gaatctcttg tttgttttgc    300
ctgctag    307
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<210> 24293

<211> 403

<212> DNA

<213> Homo sapiens

<400> 24293

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taatgtagtt atgtatcagc ttttctgtc cttttaattt cagtttttca gactccttat    60
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ctttaaggta aatgtttcat ataatcacia tgtaattggg ttttactatt ttagatatct 120
 gataattttt ggattgctaa aaaaattttg aaaattattc cattttcccc accctgctaa 180
 cttattcgtt atgcattctg tattattcct gtacctgttc ccgtagagca gcgggtcccca 240
 atcttttccg caccaggac cagttaaag gaagacaatt tttttcatgg atcgggggca 300
 ggggaatggg tttgggatga aactgttcca gctcagggtca tcaggcattg ttagattctc 360
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<210> 24294

<211> 108

<212> DNA

<213> Homo sapiens

<400> 24294

tttttaaatt caacctgaca ttctctatta ttatactttt tgttttttat atgtctcctg 60
 gagattttgt ttttgttttt tgggtttttt tttttttttt tttttttt 108

<210> 24295

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24295

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 gcaaaaagga taagttacgt gtctactatt tgtcctgggt aagaaataaa atacttcaca 120
 atgatccaga agttgagaag aagcagga 148

<210> 24296

<211> 142

<212> DNA

<213> Homo sapiens

<400> 24296

aattgtgttc gcagccgccc ccgcgcgcgc gtcgctctcc aacgccagcg ccgcctctcg 60
 ctgcgcgagc tccagccgaa gagaaggggg gtaagtaagg aggtctctgt accatggctc 120
 gtacaaaagca gactgcacct cg 142

<210> 24297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 24297

cctgaaggag acttatctga catatacatt ttctttttta gaaatattat aggccggggtt 60
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 caggatatcg agaccatcct ggctaacatg ttgaaacccc gtctctagta aaaatacaaa 180
 aaaatagccg ggtgtggtgg tgggcgcctg tagtcctagc tactcaggag gctgaggcag 240
 aagaatggtg tgaacccggg aggtggagct tgaagtgagc agagatcggc gccactgcac 300
 tccagcctgg gcggcag 317

<210> 24298

<211> 466

<212> DNA

<213> Homo sapiens

<400> 24298

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tactgtagcc	tcaccttcag	aagcatatca	tcagagatgt	ttcaatagca	tttgcttgta	120
ttttccttgc	tctgaagggtg	aggtttagtac	ctgtctcctt	tgaggacca	gagttcaagt	180
cgtctttcag	ccagtccttt	tctttgtatg	tcaagtatca	agtggccata	caccaggatc	240
cacccgatga	atgtgggaag	actgaggtat	tgtaaactgt	tgttttctgt	gttgataagg	300
ttgtctggga	agaagtataa	tatataccat	tttcttgta	ggtggagctg	atgacccttt	360
cagtgtgtat	tactgaactt	ctgtgaacac	tcacatgact	catacatgtg	agcattttta	420
atccttagaa	aaaaggattg	caaatttcagg	atgcgttctt	agtgtt		466

<210> 24299

<211> 261

<212> DNA

<213> Homo sapiens

<400> 24299

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gccacacca	agactaggag	gtgggttctta	ctatttccat	tttacagagg	acaaaactgg	120
agcacggaga	tacgtggctt	acagtcacat	agcatgaggg	cagagctggc	actataaccc	180
agtctctgac	ccttaacctc	tctaagcttt	tcacctgcgc	cttatcatgc	agaaatagag	240
gttcaaaaag	atgaggctat	a				261

<210> 24300

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24300

aaaaaaatga	gcagrtgcgg	gatgtgcgca	ragtcggaga	asagtcyarg	gcgcccggag	60
tggtctccagg	aacgacggaa	acccctcaag	gcttttgggg	gcgacttcaa	tccaacagga	120
cccactsgag	ccatccacac	tttccccagc	stcctccaaa	acagcacact	ttccggctga	180
agaaaagaag	aatggtattc	atgcagtacc	c			211

<210> 24301

<211> 377

<212> DNA

<213> Homo sapiens

<400> 24301

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tctgcacctt	atcccttagc	acccaaacat	ttaatttcac	tggtgggagg	yagaccttga	120
agacaatgaa	gagaatgccg	atactcagac	tgagctgga	ccggcaagct	ggctgtgtac	180
aggaaaattg	gaagcacaca	gtggactgtg	cctcctaaag	atgcctttcc	caaccctcca	240
ttcatgggat	gcaggtcttt	ctgagctcaa	gggtgaaaga	tgaatacaat	aacaaccatg	300
aaccacctc	acggaagctt	tttttgact	ttgaacagaa	gtcattgcag	ttgggggtgtt	360
ttgtccaggg	aaacagt					377

<210> 24302

<211> 374

<212> DNA

<213> Homo sapiens

<400> 24302

attttaaaac	atgattagat	ggtagtgaag	tgttatgagt	gaggaggtat	aattgatgtc	60
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atgaggaagt	gagtactgaa	tggttctatg	atttaaggta	aagcagcagt	tgtagtaagt	120
gtatTTTaca	aatacacatg	taaatagagg	tttacctgga	aatatgtacg	ttctaaaagg	180
tcaatTTTTt	aatTTTatTT	TTTTgctggT	tatcctggcc	aagtgtcttc	agaactcatc	240
caagttacga	gacgaaataa	actaaaatca	cctcattaat	TTTTttccct	tagttacaac	300
caaataaatt	tatgtaattct	ctgaatgaac	tacatcccta	ttccagccgc	tgatgaatat	360
gttctccagc	acca					374

<210> 24303
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 24303						
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tagtcatctt	gcttagacac	cttagttctc	aaatctagcc	tgctaaatat	agtaccttct	120
cagaccata	taagggtgtca	taaaaaaaga	aaaaataaag	gtcaaagttt	ccccaccac	180
aaatTTtggt	ataaaaaacag	caaagcaggg	TTTTtctgaa	cttgaatcag	taaatTTtta	240
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ttaagccttt	gtcaataacca	gctggcatct	ctcaacagga	aaccttgat	gactTTTgtt	360
gtcattTTTgt	gatgcactga	caaggaatgc	gtgcccttat	ttgttgcatc	a	411

<210> 24304
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 24304						
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ctggTTggTc	caggccacca	tcattctctca	cctgaatgac	tgcagtagtc	tcctgattct	120
ctTTgttccc	accctaggcc	cccaata				147

<210> 24305
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 24305						
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<210> 24306
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 24306						
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aatccccctc	ccttccccct	cccccttta	cagtatcccc	caac		104

<210> 24307
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 24307

cacataaacc aagctagttt ctcaaattag caacagaaac cagatgaaac tcctcaaattg	60
agtgttgcaa aataaggagc tggactata gttttatttg gggagaaatt gttaagtttg	120
ggttaactgc tcagcctatg cctgatacta cccttccatc tatggtatca gctgtggcac	180
ctgacactcc aatgtatcag ctgatggttt tggtttacia taaattaact aagcaag	237

<210> 24308

<211> 282

<212> DNA

<213> Homo sapiens

<400> 24308

gaataccaag tgctgctggg catcaaaacc cacctggaga aggaaatcac cacgtaccga	60
cggctcctgg agggagagag tgaagggaca cgggaagaat caaagtcgag catgaaagtg	120
tctgcaactc caaagatcaa ggccataacc caggagacca tcaacggaag attagttctt	180
tgtcaagtga atgaaatcca aaagcacgca tgagaccaat gaaagtttcc gcctgttgta	240
aaatctattt tcccccaagg aaagtccttg cacagacgcc cg	282

<210> 24309

<211> 196

<212> DNA

<213> Homo sapiens

<400> 24309

acactataat tcagctgggc aaggaaaagt actccacctc tgtagctgag aaaacccttg	60
agccagtttg gaaggaggag gcctcttttcg agctacctgg attgctaatt cagggaagtc	120
cagagaaata cattcttttc cttatagtta tgcacaggtc cctgggtggg ctggataaat	180
ttttagggaa ggtggc	196

<210> 24310

<211> 149

<212> DNA

<213> Homo sapiens

<400> 24310

ctgatttgag atcttctttt ttattttatt tttattttatt tattcatttt tgagatggag	60
tctcactctg tctccaggc tggagtgtc tgtctccat gctggagtgc agcgacgcaa	120
tctcagctca ctgtaagctc cgctcccg	149

<210> 24311

<211> 201

<212> DNA

<213> Homo sapiens

<400> 24311

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ttaagttaac tgtgaccgaa gaacatgtca actaagaaag ctaaactgtt cacattgata	120
ataaatctga gattaattgt tcttttggct ttcacttaaa ctccatggag tttaactggg	180
aaaaaaatat gccacaaaa g	201

<210> 24312

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24312

attgacctgct gcgcacccgg acgtgcggct cccctcggcc tcctcgccat ggacgcggac 60
 gactcccggg cccccaaggg ctcccttgcg aagttcctgg agcacctctc cggggccggc 120
 aaggccatcg gcgtgctgac cagcgctcg 148

<210> 24313

<211> 447

<212> DNA

<213> Homo sapiens

<400> 24313

accagkbgt attagtctaa gttctccaga gaaatagaac caataagaga tacaactata 60
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 ctgcaatagg caagttggag acccaagacc aaaagcaaca ggagactgat gttccagttt 180
 gaaaacagac agagaaggag aattttttct gctgcagcct tttattttat taggccttct 240
 caacagattt gatgaagcct gccacacta atgagggcaa tctgctttac tcagtccacc 300
 aattcaaagc tcagtatcat ctagaataac cctcacagat acaccaagaw ataattttc 360
 accaaatatc tgggcactcg tagcccagtc aagtggacac ataaratata ccatcactct 420
 cactaaacat tgctaactca tcaacta 447

<210> 24314

<211> 390

<212> DNA

<213> Homo sapiens

<400> 24314

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 cctcctgggg atctcttggt gggctttata attcttgct tagaaaaagc aacatgcaaa 180
 acaaagtagt taatgaggca ttaacaatta tggatataat aaagttaatg taaatagcac 240
 attcctcaag atgaaaaaat taaaaactgg tttaagatct tgtgtatca agattttgtt 300
 taactgtcct tcagcccaga atagcaagta taacattagc gaaaggtaat ttttctggtc 360
 agtataatcc ctaattaagc taccacctg 390

<210> 24315

<211> 458

<212> DNA

<213> Homo sapiens

<400> 24315

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 tcagggtgat caccgcctc agtctcccag agtgctggga ttacaggcat aagccaccgc 180
 acctggcctt ttttctctt ttaaatgtca cttttggccc caatgttcat tacagtgtta 240
 ttcacaatag ccaaaagggt gaaacaatcc aagtgtctat caacagatga atggataaac 300
 aaaatgtgg atgtacatac aataggatat agtggtcatc ctttaagaga aatgatgttc 360
 caatacatgc tacaacatgg acgatccttg agaacatgct agctgaaata agccactcac 420
 aaagagacag tgtatgattc tacttatatg aatatcta 458

<210> 24316

<211> 142

<212> DNA

<213> Homo sapiens

<400> 24316
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tatgttttct atagagatgg aatctcacta tgttgcccaa gctgatctca aacttctggg 120
gtcaagtcac gctcccacca cg 142

<210> 24317
<211> 96
<212> DNA
<213> Homo sapiens

<400> 24317
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gagattttgt ttttgttttt tggttttktt tttttt 96

<210> 24318
<211> 165
<212> DNA
<213> Homo sapiens

<400> 24318
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ttaagttttt aggaacttct gtactgtttt ccatagtggg ttactaatt tacattccca 120
ccaacagtat acaagggttc cctttctctc acatcctcgc cagca 165

<210> 24319
<211> 220
<212> DNA
<213> Homo sapiens

<400> 24319
atgatgcaag ctattgccag ttccaagaac gcttaacctt aacaggtctt tgaagctaaa 60
ttcaagaaaa atagattaat gtctgtgatg ttgtattatg aggcttcctt ttgaagacaa 120
ctaaaataga acttttctta cctgcctctt ctgggaccag acactctgga taagtgaaaa 180
tcattgctca agctctctgc ctccatatcc ttggccccag 220

<210> 24320
<211> 462
<212> DNA
<213> Homo sapiens

<400> 24320
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taagggtccc actactcccc tattgtgtcc cacacaacga ggctgagggt casrtaccat 180
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caccagact cctgagtttg tgaccctttt ttcagtttaa tttagcaaat aattggttga 300
gtggttgccct attgtatgcc ctgctgtgaa ggagaggcaa aggttactca aggatcttat 360
ttatgatcta gttagttgtg agtgttgttg tttttaata gacacagggt cttgctaggt 420
ttgttgcca ggttggctct gaactcttgg cctcaagcaa tc 462

<210> 24321
<211> 420
<212> DNA

<213> Homo sapiens

<400> 24321

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attcatggag	acttggtatg	gtatttaata	ttttgggaat	tcaaattattg	tgaagacatt	180
ctataaggta	atttatattt	accatgtata	atgttagaaa	cattgtgctt	tggaattcag	240
gggaaggaga	gcattttcct	tgattgarat	aggtcacag	gctgggcact	gtggctcatg	300
cctgtaatcc	aagcattttg	ggaggtcgag	caggcaggtt	gcttgagccc	aggcatctag	360
taaaggactg	ggcagtgtgg	tgttttggga	agcgtatggg	atatgttatg	aggtcagagt	420

<210> 24322

<211> 100

<212> DNA

<213> Homo sapiens

<400> 24322

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<210> 24323

<211> 459

<212> DNA

<213> Homo sapiens

<400> 24323

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tgaatacatg	tctttttact	attctaggta	ttaaaactgg	aagtgtacgt	aaagcacttc	180
tgctgtgtat	tctggtcctt	gcgaacttga	actattttct	gtcctgtgag	agctctgcaa	240
atTTTTgtgc	aactgctttt	ttatatTTTc	ccctcagtag	tgagattcta	ccccatgtgc	300
acacataaca	gtattttaatt	aaaaaaattt	tttttgagac	agagtcttgc	tctgttgccc	360
aggctggagt	tcattgggtg	gatctcggct	tattgcaacc	tttgctctg	gggttcaagc	420
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<210> 24324

<211> 280

<212> DNA

<213> Homo sapiens

<400> 24324

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cctgtgactt	tggttagaaa	tgacactggg	ccaggttcta	ctggtggtgg	gaggagagct	180
tgctgatggg	ttagggattt	ctaattcagc	ttcttgctgc	cattgcaata	cccagctggt	240
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<210> 24325

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24325

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------------	------------	------------	------------	------------	------------	----

gtttatgaat tttgtgcact tcttttgtgt gttttgaata ttttagattgt tagaaacata 120
 gagtatatta aaggccctga ttttgccttg tcatataaga gaaaaaattc aaagaggtga 180
 aag 183

<210> 24326

<211> 423

<212> DNA

<213> Homo sapiens

<400> 24326

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 tggaaagatt tcattatata caacacattg ggaagaaacc tctagagtgt tatcttagta 180
 ttggaattaa attagccttt gattggccgg gtgtggtggc tcatgcctgt natcctagaa 240
 ctttgggagg tcaaggcgag tggatcacct gagggcagga gtycgagacc agcctggcca 300
 acatggtgaa accctgtctc tactaaaagt acaaaaatta gctgggcgtg atggtgagtg 360
 cctgtaatct cagctactca ggaggtgag gcacgagaat kgcttcaacc tgggaggtgg 420
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<210> 24327

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24327

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 ggtgtgaacc caggaggcag agcttgcagt gagccaagat cgcgccactg cactccagcc 180
 tgggtgacag agcaagactc cgtctcaaaa aaaaaagaaa mcwtgtttta catcactaat 240
 gatcagggag atgcaa 256

<210> 24328

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24328

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 attaacaacc catccctcca tcatcatcaa agcaatttat ttgcacaaac tccactgtca 180
 cct 183

<210> 24329

<211> 163

<212> DNA

<213> Homo sapiens

<400> 24329

cagctaattt ttgtattttc agtagagaca gggttcctcc atgttgtcca gactggtttc 60
 gaactcctga cctcaggtga tccacctgcc tcagcctccc aaagtgctgg gattacaggg 120
 cgtggascac cgtgcccgcc cttgagccac catgcccagc cct 163

<210> 24330

<211> 419

<212> DNA
<213> Homo sapiens

<400> 24330
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gatgaagatg atctgtttka aaatgtgagg cgattatatt aagtaattat cttaccaarc 120
ccaagactg gtttttaaagt tacctgaagc tcttaacttc ctcccctctg aatttagttt 180
ggggaagggtg ttttttagtac aagacatcaa agtgaagtaa agcccaagtg ttcttttagct 240
ttttataata ctgtctaaat agtgaccatc tcatgggcat tgttttcttc tctgctttgt 300
ctgtgtwttg agtctgcttk cttttgtctt taaaacctga tttttaagtk cttctgaact 360
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<210> 24331
<211> 241
<212> DNA
<213> Homo sapiens

<400> 24331
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cccatagaca tttcccagga tgtttcagaa aactggcatg acttgtaaca accagtgata 120
attaattact aaacactact gctcactgaa aagttgtaag ttttggggaa gagaaatttt 180
ctttctccag caagtctcct tctctgaata cgacagtkat caaacccatc acaccctag 240
c 241

<210> 24332
<211> 181
<212> DNA
<213> Homo sapiens

<400> 24332
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aaactggaaa tactgatacc tggaatcaaa ggtaaggtc aacaggagct ccttggaag 120
aagtgattac aaatcagtc tcatataaaa tatcgccgtt ttatgtgtgt tcatgaccct 180
t 181

<210> 24333
<211> 71
<212> DNA
<213> Homo sapiens

<400> 24333
ttattcbtca tcttaggggt aaagcatcta tctttcacct ttaagtatga tactagccat 60
ggttgtgttt t 71

<210> 24334
<211> 222
<212> DNA
<213> Homo sapiens

<400> 24334
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ttatcgcca gatgaagaaa tttggaagga ttgccatag tggagccatc tctacatata 120
acagaaccgg ccacttccc ccaggtaatg agcacatgca cagcatccca tatgtcacia 180
ggctggacaa ggagaaaatt cacagatatg ccataggcca at 222

<210> 24335

<211> 220

<212> DNA

<213> Homo sapiens

<400> 24335

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tcagcagctg	aagtgtgtcc	cacctgtgtg	agttgggtcc	aggaaaccat	gtctgccctt	120
ctgataagg	aagatgaatc	tagagctggg	tgaagatcta	aattttaacc	aaaccctgg	180
gcccaggaaa	ataacaattg	aaaatgtaca	aggcagtgtc			220

<210> 24336

<211> 433

<212> DNA

<213> Homo sapiens

<400> 24336

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tcccatgagg	ctcataatga	attgtctgtc	tgtagtttaa	ctacttacct	aggtaaacag	120
aatattaatt	ttgatatgtg	attagaaaat	ttttttttgt	aggctttacc	gccagcacct	180
gttcagaatc	acacaaataa	gcatcaggta	ttcaatgcat	ctcttcaaga	ccatatttat	240
ccgagctgtt	ttgggaatac	tccagagtgg	aatagttcta	aatttataag	tctttgggga	300
tcagaagtga	tgaatgataa	gaactggaat	cctggcactt	tcttgccaga	tacaatttct	360
ggtaaggmat	ttgttaaamc	tttcttgaag	ttttaarata	acctgagtag	actgacatct	420
ttgccgtagt	ctc					433

<210> 24337

<211> 282

<212> DNA

<213> Homo sapiens

<400> 24337

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atcacagttc	atgccctagt	ttacgggtgct	ctttttgacc	cggtgttttg	aagagtata	120
gttatcctac	tgtaaatagc	tttcctatta	caaatagtag	ttaacatgtc	gtgtataaat	180
ttctggtttt	ccacaaatat	ctatgaccac	aaatcgagaa	agtaatgagt	tgtgaccaat	240
agttaataata	ttttctaaat	ttaaatgtac	taccgccaca	ct		282

<210> 24338

<211> 396

<212> DNA

<213> Homo sapiens

<400> 24338

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actttatgag	aatgagattt	taagaagtgg	aaggatgaga	gaataagava	gctgaagcca	120
ggcgcggttg	ctcgagkctg	taatcccagc	actttggngc	gsdcgmggcg	ggcggatcac	180
aaggctcgsm	gattgggacc	atcctggcta	gcacggtgaa	gccccgtctc	tactgaaaat	240
acaagadatt	agctggacgt	ggtggcgggc	gcctgtggtc	ccagctgctc	gggaggctga	300
ggcaggagaa	tggcgtgaac	ctgggagggc	gacttgcggt	gagctgagat	cgcgccactg	360
cactccagcc	tgggtgacag	agcragacct	gtctca			396

<210> 24339

<211> 289

<212> DNA

<213> Homo sapiens

<400> 24339

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aagctctgcc	tcccagggtc	acaccatcct	cctccctcag	cctcccgagt	agctgggacc	120
acagtcgccc	gccaccgcgc	ctggctaatt	ttttgtattt	ttagtagaga	tggggtttca	180
ccgtgttagc	taagatggtc	ttgatctcct	gacctcatga	tccaccact	cacctccca	240
tccatccatc	catccatcca	tccatccatc	catcctttca	gccacaccc		289

<210> 24340

<211> 330

<212> DNA

<213> Homo sapiens

<400> 24340

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gtgstggctc	acacctgtaa	tcccagaact	ttgggaggcc	aaagcagttc	tcctggatca	120
cctgaggtca	ggagtttgag	accagtctgg	ccaatatggc	gaaacctctt	ctctactaaa	180
aataataaaa	ttttctgggt	gtggtggtgt	gcacctataa	tcccagctac	tcgggaggct	240
gaggtaggag	aatcgtttga	acctgggagg	cagagcttgc	agtaagccga	gatcatgcca	300
ctgcattcca	gccagggaga	cagagcgaga				330

<210> 24341

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24341

atgcaccaga	tttgtatgtn	aggctccttg	ggaacagctt	tcatttaatg	ccctgtagct	60
aggccctcag	ggtacaaaga	acctgcctag	cctctgacca	agtatatata	acggttaata	120
ataatgacca	ttgtaataat	attaacacga	ctag			154

<210> 24342

<211> 259

<212> DNA

<213> Homo sapiens

<400> 24342

aattggggaa	accctcgcgt	ctactagggg	tgatacagat	ggtgatttta	aagagcaaaa	60
ctagacttct	atgtgagaag	tgctggaaaa	tgatttagga	cgtgtaaagt	tagatggaaa	120
gactgtaaat	gtttaatatg	aatatagtgt	tcttttgaag	taaggccagc	tgttgaacgg	180
ttaaactgtg	cattttctcat	tttgatgtgt	catgtatggt	aatgtatgan	atgattaaat	240
aaaatcaaaa	ctggtacct					259

<210> 24343

<211> 67

<212> DNA

<213> Homo sapiens

<400> 24343

taaatctagc	ttgagtctct	cctttaaaaa	gcctttgcta	ttttaatctt	atttggtaca	60
ctttttt						67

<210> 24344
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 24344
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 ttttagcaca gctgaggcag aggacttgcg tacaggagga aagccatgat gagcacaggg 120
 ccctggcaga tggaggatgg gtctttggaa agctgggtca tggcccaaca aatgtcaggg 180
 cacatgcgtc cagtcatagt aagtagactt tttctagaaa attctgtcca atggtagaac 240
 ataagtcttg tgaataagaa acaaaaagcac caccacgggtg actacgggtgc aaggatcaga 300
 gatggcgctg tctcctttta aagttacaga tggcgctgg cctcgkrncc cttcagggca 360
 gcgtttaacg gcagccctct cttagagcaa acaaagagtc ttcctttgca tacaat 416

<210> 24345
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24345
 agtgatggaa aacacatgag cagtaacaag ttttaatctt gctcctcagt actaacatgg 60
 actaatctgt gggagcagtt tattccagta tcaccagggg tgcagccaca ccaggactgt 120
 gttgaagggg gttttttttc ttttaaatgt aatacctcct catcttttct tcttacacag 180
 tgtctggctt ggggcttgga tgttgactg cccactgcc tgtcccttct ggtaaaataa 240
 agaactctta atgccctt 258

<210> 24346
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 24346
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 gtcattctccg attttctttc agcagtgttt tgtaattctc cttgtagtga tcttttacgt 120
 ccttgattag ctatattcct agatatttta tttttgtggc tattgtaaat tggagtgtgt 180
 ycttgttttg gctcttaggt taaatgtcac tgctgacttt tgtacattga ttttgtaccc 240
 tgaaacttta ttgtagttgc ctatcagctc taggagcctt atggatatagt ctttaggggt 300
 ttttaggtat agaatcatgt agtccatgaa gagagagagc tcatcttctt ttcctatttg 360
 gatggctttt atttcttgct gtwgcctgat tgctctggct aggacttcca gtactacatt 420
 gaatagaagt gctaagaga 439

<210> 24347
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 24347
 aatctttgta gaggtaatac ttgaaaccat ggcactgaat aaagggttaaa ataagagaca 60
 gtgcagagag agaacggggg ttgagtcttt ttgaagacta tatgtgaaga ggtggagaaa 120
 gaaagtagtg agcaggt 137

<210> 24348
 <211> 123

004220" 556ET550

<212> DNA
<213> Homo sapiens

<400> 24348
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agattagaga ccctagcctt gttcctcagg ctctcttaa agaactctgac ccctgagggg 120
gct 123

<210> 24349
<211> 138
<212> DNA
<213> Homo sapiens

<400> 24349
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acgcctgctc attaatgttt ctctttgctt tctacaactt gatgtctgga agtcactttc 120
tgggaaacct gaccggc 138

<210> 24350
<211> 361
<212> DNA
<213> Homo sapiens

<400> 24350
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tggaggcagc tggagcgggg cctgggtcgc cggcactggc tgtctttgcg tttgggcgtg 180
gccagtcact cctcttccag gttccagcct gaactgtctg cccctgatct gcggcgattt 240
atcgatggtc caaaccgggc tgtggccctg ctccggagc tacgggaggt cgtctcctct 300
atcagctaca tcgctcgaca gctgcaggaa caggaggacc acgatgcgct gaaggaggac 360
g 361

<210> 24351
<211> 242
<212> DNA
<213> Homo sapiens

<400> 24351
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gcctatcttg gttttgcctt tttcctagg acataggctt tagtcctggg gagtaatcat 120
tactccttct gtagtctcag tagaaagctt taggtgttct ccagagtcct ctaacttggt 180
gagaactaaa ccctaagcac catctgctca acacaagaca acaccttttt agccttccag 240
cc 242

<210> 24352
<211> 173
<212> DNA
<213> Homo sapiens

<400> 24352
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acagcagaat cgcttgaacc caggaggcgg aggttgcaat aagccgagat catgccgctg 120
cattccagtc tgggtgacaa agcaagactc tggtcagga aaaaaaaca act 173

<210> 24353

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24353

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atgcatgtgc	agaatacgca	ggtttggttac	ataggtatac	gtgtgccatg	gtgggttgct	120
gccctatta	acccgtcatc	taggttttaa	gcccagcgtg	aatbagatat	ttctccta	180
gctcctcctc	cccttgctcc	ccacccccca	a			211

<210> 24354

<211> 427

<212> DNA

<213> Homo sapiens

<400> 24354

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tatatgtatc	aattaactgc	aaacattatt	tattttgatg	tttgagcttt	ccagcaagag	180
ctccttttaa	ctggctcctg	tgaaccgtaa	aaaaagtttt	aaattgtgct	aaaatacaca	240
taacataaaa	gttaccatct	taaccattat	ttgcaaccaa	ttattgtaaa	ttgacaattt	300
ataattgtat	aagtttatgg	gtcacaaagt	gatgtcataa	tttttgggta	caatgtggta	360
taacaaagtc	aagctagtka	atgtaaccat	gacttcaaat	acttaacatt	tttgtgatga	420
gaaccgc						427

<210> 24355

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24355

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tccaagcaat	aagccatatt	tgaaggcat	tatagttttt	gaaagctgta	gcgcaatcat	120
tcttaaggcc	agttaccttc	tccccacatc	tctgggatcc	tgtttgaagg	gagtnctaac	180
aaggcctgtg	ttcgagcagc	ccagcatccc	ttactcctgg	agcgggggga	gactaacccc	240
tctcctgtgc	ccacat					256

<210> 24356

<211> 444

<212> DNA

<213> Homo sapiens

<400> 24356

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cttcttcgtg	tgctctctcc	cctcgtggcc	tcmtgccttt	ctgacagctc	cttcttcctc	120
cactggcccc	ttcttccctc	tctgaggctc	aggcctcagt	gtctttccgg	tctccctaca	180
cactcccatg	aagaccctct	ccgcattctg	acttcggtgc	caccctttat	gccggagact	240
cccagatctc	atttccggat	ctgcctcctt	aacttatagg	tctggatact	tctgttttgg	300
tttttcacct	tcatgctaaa	cgcagtttgt	ctaaatcgga	agtcaacttc	cattctctgc	360
cgcycctccc	tctgacceca	tgttgatca	ttccgcta	cacagggacc	caaaagcttc	420
gagtcacttt	tggctcatct	cgtc				444

<210> 24357

<211> 372
 <212> DNA
 <213> Homo sapiens

<400> 24357
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 tgttcgctgg agcagacccc aggtcccat cacagggtac agaatagtct attcgccatc 180
 agtagaagggt agcagcacag aactcaacct tcctgaaact gcaaactccg tcaccctcag 240
 tgacttgcaa cctgggtgtt agtataacat cactatctat gctgtggaag aaaatcaaga 300
 aagtacacct gttgtcattc ttgggttttct tcctttgaac aaacatcttc aatatcttta 360
 tgacagtctt ta 372

<210> 24358
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 24358
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 gaatctaaag ggtgtgggtc attcacagtg cctgacatat aggaaggagg aagggtctca 120
 taaatagcca ccgttattat ttctatgatt atgtgtccac caccaccaa 169

<210> 24359
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 24359
 tttgtcatgg gtattaaatg agataatata tgttagtctt ttagaggagc tgacacacag 60
 caaactctca gtaaagtgtg gtcattcatta ttttctact gttaaagaaa aaattattca 120
 atggtacttg ttaaagcatg ataaggaaaa ttttattcag gactgg 166

<210> 24360
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 24360
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 ccttgtgatc cgcccgctt ggctcccaa agtgctggga ttacaggcgt gasvactgca 120
 cccggctatt tatttacttt ttgagacaga gtcttgctct gtcgccaggc tggagtgcag 180
 tggcatgatc tcggctcact acaacctcca cctcctgggt tcaagtgatt ctctgcctc 240
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 tttagtagag accgcg 316

<210> 24361
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 24361
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 cagaggcctc cactcactcc agacccttat agcccgctgc tgtcagctgt caacaaagga 120

tgcgaaatgct ggccgcttcc tgtgggcttc gtgtcaccca gaggtgagcc caggccagga 180
tgggggactc cagggacctt tgccctctg 209

<210> 24362

<211> 374

<212> DNA

<213> Homo sapiens

<400> 24362

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gtaacacttt ttttggcatc tgctagttag atatgagtgt acatctatgt ctgctttatg 120
tccttggttac tgaagatcct gtcacatca ctgagatcct ttagagatac cataaatggg 180
tccagaccca gcaatttggg ttaatactat tttccttcat tgtgaaataa gaattagggc 240
aggaaagttaa gaaggaggct ttagcttggg gtcagaggaa tatatggtaa aaatgggtata 300
ctgttagtca ttactcttca tcacctgaac gattaatctt actaggcccc ccagagggtca 360
ggagaagtga aagt 374

<210> 24363

<211> 170

<212> DNA

<213> Homo sapiens

<400> 24363

agactacagg cgcacgccac catgctgggc taatTTTTgt attttcagta gagacgggggt 60
ttcaccatgt tggtcaggct ggtcttaaac tcctgacctc atgattcgcc cgcctcggcc 120
tcccaaagtg ctgggattac aggcgtgagc waccgcgtcc cgccaagaag 170

<210> 24364

<211> 285

<212> DNA

<213> Homo sapiens

<400> 24364

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gaattaacaa ttcttttccc tgtgcttctt atgtaagaat cctcctgtgg cctctgcttg 120
tacagaactg ggaaacaaca cttggttagt ctcttttaag ttacaaaaag ccaattgatg 180
tttcttattc tttttaaaatt ttaaataatt tgttataaat actcacagga taccttattt 240
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<210> 24365

<211> 234

<212> DNA

<213> Homo sapiens

<400> 24365

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cgggtggctca agcctgtaat ccagcactt tgggaggcgg agacgggagg atcatgaggt 120
caggagatcg agaccatcct ggctaacaca gtgadwcccc gtctctacta aaaatacaaa 180
aaattagctg ggcgcggtgg cgggcgcctg tagtcccagc tactcgggag gcgt 234

<210> 24366

<211> 376

<212> DNA

<213> Homo sapiens

<400> 24366

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atagccttga	gcggatagaa	ctctatgact	gccagcaaat	cacacgggct	ggaatcaaga	180
gactcaggac	ccatttacc	aatattaaag	tccacgccta	cttcgcacct	gtcactccac	240
ccccatcagt	agggggcagc	agacagcgct	tctgcagatg	ctgcatcctc	ctatgacaat	300
ggaggtggtc	aaccttggcg	aactgagtat	ttaatgacac	ttctagagct	accgtggagt	360
ctctccagtg	gaagca					376

<210> 24367

<211> 378

<212> DNA

<213> Homo sapiens

<400> 24367

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catctaactg	cactcttgtc	ttctcacaac	acataggacc	cactgctgca	cagaaggaac	120
ttgaattctr	atcagccaat	gttttatttg	tgggacatcc	catcaaattt	tttaaaaaag	180
atcttattga	acagaagagg	gaaatggaat	ttgaggatga	cttgacattg	tgagattaaa	240
tgggggtggc	cgaagtttga	ccaggacttt	tccctgctct	gctggagaga	ctgtctctcc	300
tcttggtgcc	cttcttggag	gagcattttc	agcctgctgc	ctaaacagct	gttgatggat	360
agctttctcc	ctgcagcg					378

<210> 24368

<211> 172

<212> DNA

<213> Homo sapiens

<400> 24368

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gtttcttggg	aaaacttttc	ataccaggtg	atactattca	aaaaccccg	tgtctccctg	120
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<210> 24369

<211> 212

<212> DNA

<213> Homo sapiens

<400> 24369

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gctggggcag	gaggtggcg	tgggcccg	aggcggagtt	tgagtgagc	cgagatagag	120
ccactgccct	ccggcctggt	agaaggagck	agattccgtc	tcaaaaaaaaa	taaaaataaa	180
aataaaaaaa	taaaaaaaat	aaagtggctg	ag			212

<210> 24370

<211> 196

<212> DNA

<213> Homo sapiens

<400> 24370

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aggggaaggct	gaactgctga	gtctgacact	taacaggact	tcggcattcc	cctgaataca	120
gactagatca	gagattttat	ttttttaatt	gaaaagtaac	ttgggttctc	tttagaaacc	180

cttattttggt gcgcgc

196

<210> 24371

<211> 223

<212> DNA

<213> Homo sapiens

<400> 24371

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gtgagccacc	ttggcaagt	cctgtgcagg	gcccggccgc	cctccatctg	ggccgggtga	120
ctgggcgcgc	gctgtgtgcc	cgaggcctca	ccctgccctc	gcctagtctg	gaagctccga	180
ccgacatcac	ggagcagcct	tcaagcattc	cattacgccc	ccc		223

<210> 24372

<211> 162

<212> DNA

<213> Homo sapiens

<400> 24372

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caagtctcct	tcttggtctt	gtgtatgagc	acagcctaag	ctcactttag	tgccaaggag	120
gctgggggacc	tgtctacact	cttcgatgtt	ggtggcatca	ta		162

<210> 24373

<211> 374

<212> DNA

<213> Homo sapiens

<400> 24373

ccggccccggc	agcgagagcg	dgcgcaagg	ggccaccggg	gtgctgccgt	tcgtgcgtgg	60
cgtggacctc	agcggcaacg	acttcaagg	cggctacttc	cctgagaatg	tcaaggccat	120
gaccagcctg	cggtggctga	agctgaaccg	cactggcctg	ctacctgcc	gaggagctgg	180
ccgccctgca	gaagctggaa	cackkgtctg	tgagccacaa	caacctgacc	acgcttcctg	240
gggagctgtc	cagcctgcca	tcgctgcgcg	ccatcgtggc	ccgagccaac	agtctgaaga	300
attccggagt	ccccgatgac	atcttcaagc	tagatgatct	ctcagtcctg	gacttgagcn	360
acaaccagct	gaca					374

<210> 24374

<211> 325

<212> DNA

<213> Homo sapiens

<400> 24374

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atcctggacg	tgggatttca	gggatgaggt	tgtttgccctc	ttgggcgtct	ttttccacat	180
ttctgtcttc	ccttgctttc	ttgccggact	gtgtgtcagc	cccattccag	tatgccgtgg	240
accggtgaac	gcgagancct	agtgccttac	agctgtgtcc	agaggagggg	carggctctg	300
tkgacgcgag	angcttttca	tgtgt				325

<210> 24375

<211> 189

<212> DNA

<213> Homo sapiens

<400> 24375
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 ttctggctta catccacctt gtccctatgc agcagckttt ttatgagaat tacgagcaga 120
 acaaaaagggt gtacattaga gatctccata acagtaaaat tcaccaagct atcacattac 180
 accccagaa 189

<210> 24376
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 24376
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 tgggtatatc caagtgggag cttggatggt gtcttctgat tgctttgttt tctccatgaa 120
 ctgaagaacc aaggtcaaca gtggaagata aggatagaga gggagacact agagggcgtg 180
 atatatgttat ccaagagagt gagtgaacca gggggatgaa tgtcatgtga ttgacaagcg 240
 gcggnrr 248

<210> 24377
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 24377
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 gttactgctg aatctggcct ggatgtcttg agctgggtcca aaatacagtt tttctttgaa 120
 attttttggg tagctaactc cttgatcagt ccaggagccc cttgggtata aataacctca 180
 gggctctgtc tggaacttcc tttgggccat tctagatctc acaggctcta gtaattagac 240
 agatgtagac ctggagaagg ggcattgattc atggctataa tctgcccctc tctacagtcc 300
 ctaaattgtgc cta 313

<210> 24378
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 24378
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 agattttgac tattacaaat aatgttgctg caaacattct agtataakct tttggtgagc 120
 ctgtgtgtgc attcctgttg ggtatattcc taggaatcaa attgctaagc catagagtgt 180
 tgggtggggag gcaaaacttt acctctcccc tcttagggtc tccagctggg cctgagaatg 240
 aaattgactt aagactgatt aacatgtgaa aagcagacag attttttttt ttttwagakg 300
 tacatrggmc cccatrggaa awttaaamcc caaagawttg gcaacactta agtgcttattc 360
 tmctggggtt aacagmcaga ta 382

<210> 24379
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 24379
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 gggtttctaa agcaggttcc cccactcatc taggttgtct tgaaaggagg atagagccac 120

ttacagtttt atttgcttca gtgtttaatg tagatattat gtggcctgct gtttctgttg 180
tcttgatgt ctgtgatgc atgacatttg gtccctttct ttgaaatgca gcccc 236

<210> 24380
<211> 162
<212> DNA
<213> Homo sapiens

<400> 24380
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ttggcaaagt ctgaataggt caacctgcag gcgtaactat ttttgacctm stcagttttt 120
aaacaatgtg catttgaagg agttaattam magagagccc ct 162

<210> 24381
<211> 317
<212> DNA
<213> Homo sapiens

<400> 24381
tttcccctga ttacataatt attgtaagaa attagaaaaa ctttagtaaa tgtgtaaaag 60
aagagactga aaaaggagaa aaatcacctg taatcctacc aaaggtaata actaatgcca 120
agcaaactgc acataatatg ttgtaacctt tcattttcac ttgacgtact gagaactttc 180
catttttagta aaaattacag catgatttat actggctgta taatattctc ttttttttc 240
tttttttgag atggagtctc gctctgttgc ccaggctgga atgcagtggc gccatctcgg 300
ctcactgcac cctccct 317

<210> 24382
<211> 216
<212> DNA
<213> Homo sapiens

<400> 24382
tgagaggctt gctggggttt aaatactact ggttgatggt acttagagat tcttctcagt 60
aattgctgtt atcatgttgc atgttgcca tcagagttct aattgttaca catacaacag 120
aagaggaatg gatgttgag aaatgaagta atacagaata gagagtcacc atgccctccg 180
gagagaaatt aatacttgct taattcagag gaagcg 216

<210> 24383
<211> 480
<212> DNA
<213> Homo sapiens

<400> 24383
acatatattk tatcacttat ggagctcctt tttcctggga actgttctag gagttttata 60
cattttatct catttaattc tcacgtcaac cctatgacgt aggcattgtc aatttcacca 120
attttagggg acagagcagc tgagggtcag caagggttaag taactggctt aaggccatga 180
aggtaatcag tcatctgcag aagcaagatt ttgactcagt tctgtctgat gctactgtcg 240
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ggagatcgag accatcctgg ctaackbggt gaaacccatc tctactaaaa atacaaaaaa 420
ttagctgggc gaggtggtgg gcgcctgtag tccagctacg cggaaggctg gggggatcac 480

<210> 24384
<211> 200

<212> DNA

<213> Homo sapiens

<400> 24384

ccagcctggc	caacatggcg	aaaccctgtc	tctacttaaa	aacaaaaaca	aaagcacaaa	60
aattagccag	gcgtgggtggc	tcatgcctgt	aatcctagct	gcttggggagg	ctgaggcagg	120
ataatcactt	gaacttggga	ggcggagggt	gtagtgagct	gagatcgcg	cactgcattc	180
cagcctgggc	gacacagtga					200

<210> 24385

<211> 156

<212> DNA

<213> Homo sapiens

<400> 24385

tattttttta	ctttttat	aggttcaagg	gtacatgtga	aggtctatta	cataggtaaa	60
tttgtgtcat	gggggttcc	tgtactaatt	acttcatcac	ccagggtatta	agcccagtac	120
ttaaaattag	cttctctact	cctctcccca	ctccca			156

<210> 24386

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24386

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tgctgcttct	ctccaggaca	taagtgggag	ttctttggag	aatgctggag	ggaatgaagg	120
ggaggagtgc	gcctctccac	tgcatttttc	cttgaagcag	aaacttagct	tccaacgtcc	180
ttcagatgcc	aggtcccacc	tgcagcttct	tgctctctcc	tggaatttc	agtccagcta	240
ccatctctaa	agtcca					256

<210> 24387

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24387

acaaaaaagt	mmcaaacatc	ccttaaaaaa	aaaacacaaa	gactcctagt	actttgggga	60
ggagggtcatg	ttttccttat	aaaaacaaaa	tttggtattgt	gttaggtgga	gtgataaagt	120
tgatgctatt	agtagcttta	tttttcattg	tggtaaaata	ggcatacctt	tttttttt	178

<210> 24388

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24388

aagtttactc	tttaccatgb	aataaagtca	ccttttagaaa	atgacagaaa	aaaaaataga	60
tggaaggtg	tttattctct	gatatttttc	cagacccac	aggagcaagg	agggcagtaa	120
cccatgcttt	tcttccttaa	agcaacagcc	atttctcctc	ccaccccccc	c	171

<210> 24389

<211> 169

<212> DNA

<213> Homo sapiens

<400> 24389

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ctarcgcctg	aacaacacac	ccgcatcaac	tagagctktt	gctttatatt	ggtgcaattt	120
ttggrrraat	garaacctgt	wttcatagac	ttatcagttc	aaacagcaa		169

<210> 24390

<211> 355

<212> DNA

<213> Homo sapiens

<400> 24390

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ctgcccaggt	gttcagctcc	aactggagtc	atcctttgat	ctgtcctttt	ccgtctacgc	120
ttatccatca	aaagtccac	aggttttacc	tccagaataa	gtccacatcc	atctactttt	180
catctctgcc	gatcctggtc	taaaccacca	tcatcttctc	ttgggctgct	gggacgcctc	240
ctcactggct	acagacttgc	tctgtttctgt	gctctccaga	gcagccagag	ctaactaact	300
ttggaaaatg	gagagtgggt	atctctctct	ccatcacaaa	cacgcacctc	tcaga	355

<210> 24391

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24391

taggccaggc	gtggtgactc	acacctgtaa	tcccagcact	ttgggaggct	gaggcgggcg	60
gatcacctga	ggtcaggagt	tcaagaccag	cttggccaac	atggtgaaac	tccgtctcta	120
caaaaatatt	ttaaaaaatt	agccaggcaa				150

<210> 24392

<211> 296

<212> DNA

<213> Homo sapiens

<400> 24392

caatcagcac	tctgtaaaaa	tgcaccaatc	agtgtctctt	gtctagctaa	tggtttgtaa	60
atgcaccaat	cagcactctg	taaaaatgga	ccaatcagca	ctctgtaaaa	tggattaatc	120
agcgctctgt	aaaatgaacc	aatcagcagg	ccgtggacgg	ggccaagtaa	gggaataaaa	180
gctggccatc	caagccagca	ggggcaatgc	ttgggtccct	tcccatgctg	tgggaagcttt	240
gttctttcac	tgtttgcaat	aaatctggct	gctgctcact	ctttgggtcc	acacat	296

<210> 24393

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24393

atttacagtt	tygggtcagk	bctgcagtga	ggagggggag	aggagggggtc	ggggaggggag	60
gaggaggagg	aggaggagct	ggaggaagcc	ctgactggta	tccctggccc	cagtccagtt	120
tggagctcag	tcttcacca	aaggcccacc				150

<210> 24394

<211> 74

<212> DNA

<213> Homo sapiens

<400> 24394

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt 60
gtagagcacc gagg 74

<210> 24395

<211> 89

<212> DNA

<213> Homo sapiens

<400> 24395

agacatgctc cargttgttc ttgagatcac agttcccatc acattttctc tggagaatgt 60
gaagaacaca gaactgggag aggaacagt 89

<210> 24396

<211> 413

<212> DNA

<213> Homo sapiens

<400> 24396

taaaaaaatg agtgtaaagt ctatgtttta gaaaaaagta tagtttttaa attgtggcaa 60
aatatacaca acataaaatt taccatttta atcatttcta cttgtrtagy ccacgggtact 120
aagtactttc acattgtttg acaaccatca gcattatcca tctctagaac ctgttcatct 180
tctccagctg aaactctgta tccattcaac tccaactccc cattcccttt gtacacctat 240
tttagaagtt cctataaata ctttgaaata agatctttcc ccccttcattg gcaaccacat 300
atctactata tatctctgaa tttgactact ctaggtactc taggtaccag attagtggaa 360
ccagatattt gtcccttttac cactgactta tttcacttag taaaatatga cta 413

<210> 24397

<211> 271

<212> DNA

<213> Homo sapiens

<400> 24397

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ggctgggggtg cgggtggcgcc ttctcggtc gctgcaacct gcggcckcct agattcaggc 120
gattctctctg cttcagcctt ccgagtggct gggatggcag gcaactacca atatgcctgg 180
gtaatttttg tatttttaag tacatacagg atttcaccat gttggccagg ctggtttcaa 240
actcccggcc tcgggtggtc tgccctgccc t 271

<210> 24398

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24398

tttgcaggtc ayggtaatct gaggttacat gaccaagagc atctgagtca gcctgagtct 60
ggaaacattc ttggaatctg ggttccaggc agctggaatc aagtgccatg agaaactttg 120
aagcaaagct gtwrggtttc aatgggagga tagaaaagtc acaaaagatt atcttagtaa 180
tgagatgctt tgaaaaatga gcagtattgg agggtagagg gaacattgaa caaagatacg 240
tatgggga 248

<210> 24399

<211> 260

<212> DNA

<213> Homo sapiens

<400> 24399

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atcttggctg	ctgagtaatg	ctgaagaaaa	gacaaaaccc	acatgaccca	gcagactttt	120
gcctctacaa	attacgagat	tccaattttt	tttccacaaa	ttttttaagt	tggcaatttg	180
ttattctaca	aaaagtccta	ataatatctt	atgtactctt	ttaaaaaat	acctccaacc	240
ctgccacttc	ccccctcagg					260

<210> 24400

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24400

agtcaagagt	tctcaagggc	aggttctgtg	cccatttgtc	catgtatctc	ccatgctcag	60
aacggttagt	gggagctcag	ttgttatattg	ttgtattaaa	atgagtgggt	tatatgcaaa	120
ggtacacacc	tatgaaagt	tcggggctat				150

<210> 24401

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24401

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gtatgagggtg	ggtggatcac	ctggggctcg	aagttcgagg	ccagcctggc	caacatgggt	120
aaaccccgtc	tctactaaaa	atacaaaaaa	ttagccacct	ggtggcgggc	acctgtaatc	180
ccagctactc	aggaggcttg	aggcagggtga				210

<210> 24402

<211> 373

<212> DNA

<213> Homo sapiens

<400> 24402

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tttcagatga	taaaatcttt	actgatattt	ttcactacct	ggagggtgtg	tttcgcatta	180
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accagcagcg	tgggaggcgt	tttaggtaaa	acatttatgt	tttatttttg	aatattattt	300
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<210> 24403

<211> 98

<212> DNA

<213> Homo sapiens

<400> 24403

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98

<210> 24404

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24404

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agttataatc	ttttgggtat	ttttaaatgt	acaattaaat	tattattgac	tatagtcacc	180
ttgttgcatt	atccagtact	aggtcttatt	caatttgttt	ttgtaccca	ttgactgtcc	240
ctacttcctc	cctaaccagt	ccccagcc				269

<210> 24405

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24405

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gcatgacttc	tttgctttaa	aatataggaa	tgcaattatt	agtttaggag	aacacatggt	180
aatcacacat	ttttatttat	tgagagccac	a			211

<210> 24406

<211> 132

<212> DNA

<213> Homo sapiens

<400> 24406

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ttcccacat	ga					132

<210> 24407

<211> 180

<212> DNA

<213> Homo sapiens

<400> 24407

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gagctggttt	tttcactct	gcgcacgcac	ttggtattgc	cgtgtttcca	aagaggcgcc	180

<210> 24408

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24408

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gccaccaag						129

<210> 24409
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 24409
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 gccaaatcag atgaaatggt caatttataa aggtcaacaa atatttatta attagttcct 180
 gttgttaagg agtttataat gtagaagaga aacacggtac ataaatcact gcattattac 240
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 cagggaggac a 311

<210> 24410
 <211> 322
 <212> DNA
 <213> Homo sapiens

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 cgttatttta acatacagag gtaactaaaa gtatcaggta agtctctacg gagtatagta 180
 tggaagctgg gagcctgtta attttcataa caagccttgg aattatttgg ctctttaaac 240
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 gaatgggcag actgggtttt ta 322

<210> 24411
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 24411
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 gggagctccc tttgcctgt gcagctcctg ggtgggcca 340

<210> 24412
 <211> 168
 <212> DNA
 <213> Homo sapiens

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 gccatgtaa ttttctgtga ttatggaaat gtttgatgtt ggcacatt 168

<210> 24413
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 24413

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taacagatga ggaagaaatt tgggcttgag tgaagtaatg ggggctgtct gtgaagcttt 120
gcvvcagtac agcctaggta atttgctgag cttgatgggt gtcaggggtca gcccaagtga 180
aagctaagag aggcag 196

<210> 24414

<211> 282

<212> DNA

<213> Homo sapiens

<400> 24414

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gtctttgaaa aatcatagta gtaaatgaac ctcaacactg agtgggtcaaa aattgggtta 180
accaatgggg ggataatatt tgggttaattg ttttratat attttttcaa gtttataata 240
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<210> 24415

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24415

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atgcctgtra tcccagckac tcaggaggat tgcttgagcc caggagttca agaccagcct 180
gggcaacagt gggaccccat ctctacacac acacacacac acacacacac acacacacag 240
tgggcccc 248

<210> 24416

<211> 423

<212> DNA

<213> Homo sapiens

<400> 24416

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ctgcctcgtg tcagattggc agcggcattg gattctcata ggagtgcata ccctattgta 180
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tgaggtggaa tattcattgt tattgtttga ctccactccc ctcccgtcc tttcatggaa 300
aaattgtctt ccatgaaacc agtccttagt gccaaaaagt tggggaccac tgtactgtag 360
tttcaaaaat gttcatatth ggcctaaatc tatagtctga ggaagcatat cacatcttta 420
tca 423

<210> 24417

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24417

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ctcatgagac actgaacctg ctggtgcctt gatcttggac ttcccagcct ccagaactgt 120

gagcaataca tctctgttgt tcataagcca ccccatctat tagattctgt tgtagcagcc 180
aaa 183

<210> 24418
<211> 100
<212> DNA
<213> Homo sapiens

<400> 24418
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ttttttttty cttttttaag atgaatgatt tcggaatcta 100

<210> 24419
<211> 69
<212> DNA
<213> Homo sapiens

<400> 24419
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ttttttgtt 69

<210> 24420
<211> 59
<212> DNA
<213> Homo sapiens

<400> 24420
cagaaaaaaaa cccttaaaga gcactcccag gagagagtaa gcaaaaaaaaa aaaaaaaaa 59

<210> 24421
<211> 137
<212> DNA
<213> Homo sapiens

<400> 24421
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gctgtatTTT aaaaagctct tcagaaaagt gatctactac tatgctctgt gttctagcag 120
aatacaaagg cccccc 137

<210> 24422
<211> 218
<212> DNA
<213> Homo sapiens

<400> 24422
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ggttgatct aaattgtgaa gtatcttaga tgcctagcaa agatgattgg attttatatt 180
tgaggggaaa aagtgaaaag tctaaataga ggagtaga 218

<210> 24423
<211> 158
<212> DNA
<213> Homo sapiens

<400> 24423
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 tagtcaacat ttttaaaaaa atttgcttta ctgcttaaar ractattgag gtctattttg 120
 aaatcctggg actgttgata gcatttttatt ggcactag 158

<210> 24424
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 24424
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 agtatcctac c 71

<210> 24425
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24425
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 gttgcagtga gctgagatcg cgccactgcc ctctggcctg ggcgacagag caagactccg 180
 tcg 183

<210> 24426
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 <212> DNA
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<400> 24426
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<210> 24427
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24427
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 ggcgtgagcc gggaggcgga tcttgacgtg agccgagatc gtgccactgc actccagcct 180
 gggaacagag agagactctg tctcaaaaaa aaaaaa 216

<210> 24428
 <211> 216
 <212> DNA
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<400> 24428
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 agacctgagg gagccaggaa ataaggaaga ggagaggagt aaaagaggac atgagagtga 180

ggaaggcaga gagtacaggg agtgaatgaa ggggca 216

<210> 24429

<211> 147

<212> DNA

<213> Homo sapiens

<400> 24429

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aggaggagga tgaagaaggt tataacgatg gagaggtaga tgacgaggaa gatgaagaag 120
agcttgggtga agaagaaagg ggtgcat 147

<210> 24430

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24430

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ccagtgaact ttttatgtat tgtktatttc acttttaaca ttacatttg gttcttttaa 180
aaaaaaacaa aaaaaaaa 198

<210> 24431

<211> 275

<212> DNA

<213> Homo sapiens

<400> 24431

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aganaagagg gtaaaggctt tgggattgat cattaatgtt tggttttgtg tgacttgttt 180
taaattgcgtg ataaattgat gctgacggtt cttgaatgag tragaaaagc aaatgaagcc 240
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<210> 24432

<211> 90

<212> DNA

<213> Homo sapiens

<400> 24432

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tctccttggt aaggagccga aagtgcccg 90

<210> 24433

<211> 385

<212> DNA

<213> Homo sapiens

<400> 24433

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tctatttctg caatatgtct tagggatttt gatagagatt gcattgaatc tttaaatcac 120
ttttggtaat attgttatct taacagtatt aagtcttcat atgcatgagt atggattgtc 180
ttccgttta tttatgtctt ctttaatttc tttcaattat gtwtatagtt ttttcgtgta 240

caagtctatt gcctccatgg taaattttatt cctatgcatt tgattctttt tgatgctatk 300
 aaaaatgtaa ttgtdttcwt aatttcttwt tgggatcatt cattgctagt gtatagaaat 360
 gcaackcatt twgtgtgtcg tgatt 385

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 <211> 173
 <212> DNA
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 gagaatggcg tgaaccggg aggcagagct tgtttgcagt ragccgagat cgcgccattg 120
 cactccagcc tgagcgatag agcaagacc tgtctcaaaa aaaaaaaaaaaa aaa 173

<210> 24435
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 24435
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 tatattccta gcccaagtca ccctttacat actgttagac taaaggctta aaaatcagcc 120
 ctg 123

<210> 24436
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 24436
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 aaaaaa 66

<210> 24437
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 24437
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 ctaaaactggc caccaagttt gtgtctctaa atctgcacat cttagctgtg aactagacct 120
 tccccga 128

<210> 24438
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 24438
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 gtttcatttt taacttcato tttotaacca agtttcttct ctaggagaaa caaaaatatg 120
 attgcatccc ccttggtata ttatagaatg gtatctttac attattctat aattttgagt 180
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 ttgaacaaat atcctgtaat atctgtgaaa aggccccctgc agactcttga atacacggcg 300

acttctctag aatacactgt gactwctgtt acttttgatt tccccatggt ggctctcagg 360
gc 362

<210> 24439
<211> 150
<212> DNA
<213> Homo sapiens

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sraaaatatt ttaaaaaatt agccaggcaa 150

<210> 24440
<211> 298
<212> DNA
<213> Homo sapiens

<400> 24440
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ggctcaactt ctttataaag tgaggaacca aattgtgaag acatctgttc tgttattaat 180
ttcacatata tcttaagctc ctcaaggcca gaaatgaggc ttcattcacg tcgaattaat 240
gaaacatgat tctacatttt caccocatcc cgggctccat gttcctgctg cactccac 298

<210> 24441
<211> 108
<212> DNA
<213> Homo sapiens

<400> 24441
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catacactat tcagattttc tgattttctt ctttaacata acatcgca 108

<210> 24442
<211> 110
<212> DNA
<213> Homo sapiens

<400> 24442
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<211> 171
<212> DNA
<213> Homo sapiens

<400> 24443
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aggttctaaa atattatcag agtgtttgaa attttccaag caattcagat aacaccctac 120
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<210> 24444

<211> 118
<212> DNA
<213> Homo sapiens

<400> 24444
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acagcctaaa gttgatactc tcttttccct ttcttatagt cgagtaatcc ggccgtta 118

<210> 24445
<211> 114
<212> DNA
<213> Homo sapiens

<400> 24445
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<210> 24446
<211> 407
<212> DNA
<213> Homo sapiens

<400> 24446
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caaacattga aaatgataat attttaaatgg tatatttagga taaacagaaa ctgcttactg 180
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<210> 24447
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24447
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gaggatcgct tgaacctggg aggcggatgt tgcagtgagc cgagatcgcg ccgctgcact 120
ccagcctggg tgacggagtg agamtccacc tcaaaaaaaaa aaaaaaaaaa 170

<210> 24448
<211> 348
<212> DNA
<213> Homo sapiens

<400> 24448
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aggctgaggc aggagaatca cttgaacca ggaggcagag gttgcagtga gctaagatca 300
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<210> 24449

<211> 175

<212> DNA

<213> Homo sapiens

<400> 24449

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ttcctggtaa ccagagacaa gttgcacaat cgggtgtggca tttggctcct gattctgggg	120
gagagggagc gctgtctgct ttttcagcag gccagcaca gtggagcgcg gasaa	175

<210> 24450

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24450

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gacttctcta ggtgaatgtt tatggtagcc tacaagctac catacaaaat tacaataatt	120
agctgggcat ggtggcacgt gcctgtagtc ccagccactc gggaggctga gacaggagcc	180
ca	182

<210> 24451

<211> 281

<212> DNA

<213> Homo sapiens

<400> 24451

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taggttgatg tggtttcctc tgcagtgatt tttctaggaa gttcaaattt gacagcgagt	180
tcagctcagc tgtggccttc tgcccttcca gctgtgccta gcaagcaaaa cccaggaaag	240
aagcagaagc ctctggcct tacatacaga atgcctggta c	281

<210> 24452

<211> 121

<212> DNA

<213> Homo sapiens

<400> 24452

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gttgaggtga gwwtttcttt cttttttttg agacagagtc tcactctgtt gccaggcag	120
t	121

<210> 24453

<211> 176

<212> DNA

<213> Homo sapiens

<400> 24453

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tgaaagagac actgaagaga gtaggaaaga cagttttcga ttgtctacta ccccat	176

<210> 24454

<211> 439
 <212> DNA
 <213> Homo sapiens

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 atgatttgta cctccattta tttaggtctk rtttaatttt tagcaatgtt ttatagtttt 180
 cagtgtacag atcttacata aactttgtta cattttacccc aaactatgtc atattttttg 240
 acggcattgt aaatgaaatt gtatttttta ttttatttta ttattttattt atttatttta 300
 attattatac ttttaagttct aggggtacatg tgcacaacgt gcaggtttgt tacatatgta 360
 tacatgtgcc atgttggtgt gctgcaccca ttaactcgtc atttacatta ggtatatctc 420
 ctaatgctat ccacccgat 439

<210> 24455
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 24455
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 atgtccatta ggtccatttt gtcttaagtg cagttttaat caaatgtttc tttgttgctt 120
 ttctgtacag atgatctttc caatgctgag attgagccat tgaagtcccc aaatattatt 180
 gctttggaat ctatctctcc cct 203

<210> 24456
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 24456
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 tcaagggttg tttttaatgt ttatcaagat ttttctttat aggagtccct ttcaacttat 120
 tagacttgct tccttgctt tttctaaaaa ttaaatgtga tccactatct ttaagaaatg 180
 ttaactcttc cactgtctgt actaagaaca tgagacaaga ccattctcta cccccct 237

<210> 24457
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 24457
 taacagtttt tatagatctt ttagtttcaa ctcagctttt acaataaaaa ggatttgat 60
 tgcattgagt ttataaactt ttggtttgtg aacttcatat ttgatctttt ctcttccaat 120
 caaatgtcta ggcttgtttg acttccaccc ccaac 155

<210> 24458
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 24458
 aataaggata avntcaaagg cacacccacg gaaaaaaaaat gcatgctctt tcactacata 60
 aaaggtttgc cttctaaatc tcategcccc tacca 95

<210> 24459

<211> 88

<212> DNA

<213> Homo sapiens

<400> 24459

taaaaatact tttctctagc atcgtaggag gaagaaaaca aacacatcag atattttcag	60
cactaaaaga gatgggttttc cccacatg	88

<210> 24460

<211> 397

<212> DNA

<213> Homo sapiens

<400> 24460

taacattcct ccccgtaggag gccacctgga cttccagtct ggctccaaac ctcattggcg	60
ccccataaaa ccagcagaac tgccctcagg gtgggtgtta ccagacaccc agcaccaatc	120
tacagacgga gtagaaaaag gaggctctat atactgatgt taaaaaaca aacaaaaca	180
aaagccctaa gggactgaag agatgctggg cctgtccata aagcctgttg ccatgataag	240
gccaagcagg ggctagctta tctgcacagc aaccacagct ttccgtgctg ccttgccctt	300
tcaagatgct attcaactgaa acctaacttc acccccataa caccagcagg gtgggggtta	360
catatgattc tccatgggtt tcctctcatc cctcggc	397

<210> 24461

<211> 146

<212> DNA

<213> Homo sapiens

<400> 24461

aaaaattagc tgggtgtggt gacgcacgcc tgtaacccca gctacttggg aggctgaggc	60
aggagaatcg cttcaacctg ggaggcggag gttgcagtga gccaagatca caccattgca	120
stccagcctg agcgacaaga gctgdr	146

<210> 24462

<211> 109

<212> DNA

<213> Homo sapiens

<400> 24462

ccaggtcgga aacggagcag gtcaaaactc ccgtgctgat cagtagtggg atcgcgccctg	60
tgaatagcca ctgcactcca gcctgagcaa catagcgaga ccccgctca	109

<210> 24463

<211> 207

<212> DNA

<213> Homo sapiens

<400> 24463

cagtatttct gaatgaatgc atggtagatt attggtatag ttgaccattt attgtatttt	60
ttaaacttta ttataaacac accataaaat ttgacagcct ctccaaattt ttgttgaagt	120
gggatcagaa ctgaaaatgt gtcttttgtg ttttaatttta aaacaattct tgttcattta	180
aatcaagaa aatgtagcct ggacacg	207

<210> 24464
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 24464
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 actttctcag gcagaagtga aatgatccca aatggaagat catacttgca ggagagaatg 120
 aaagagcaac aaaaagagtg aacaggtgga taaatgaaca ctcgctatgt aaaacagcca 180
 tgaaaatgtc ttgtctgggc acggtggctc atgtctgtaa cccaacactg ggaac 235

<210> 24465
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 24465
 tagcaagtac cgacatggca tttttgattc cctgtgcttc tgtctcttga acagtagctt 60
 taatcttcag gatggtcttt tgcagtttgg tcaaagagaa agcaagatat tggagatgcc 120
 ttcacctagt gtggtttatt ttaaactggg agattctgtg tgctttgtat ctttcaggag 180
 gactctacct gaattttctg cttataactt ctctctcttt ttgggaggca actgtgtgta 240
 gatacacagc cacaactgag tattcacatg atgtaaaagt aatgaaagt accgggcatg 300
 gtggctcagg cctgtaatcc cagcactttg ggaggctgag gcaggcggat cacgaggtca 360
 ggagatagag atcttcctgg ctaacatggt gaaacccttt 400

<210> 24466
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 24466
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 aagtaattct tgtcagagaa tcatggaaat gattccagct cattacaacg caaacggatt 120
 tgacctgga gagattaaat ttattttcat ctaatagaaa agctaacccc caaacattac 180
 agtttattac tgtctagaat gttaatcagt ttacatttgt tggcaagttt atttcagcat 240
 tcttttgact gaccatataa atctgtttct ttcaataatt tcaactttta ttttagattc 300
 aggggtacac atgcaggttt gttacatggg tatattgcat gacactgagg tttggggtgt 360
 gaatggtccc atcaccagc tagtgagcat agtaccat aggcagtttt tcagtccttg 420
 cccactccc tctctcccgc ctctagtagt ctc 453

<210> 24467
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 24467
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 ttatatatct aatgctcatg acttgatttt gaagtatgcc ttcaaacata tttgttgagc 120
 ttaaaataac taaaatggat aatactgtat ttctggtaaa atggcatctt tctgggtcag 180
 atctttctaa atatcaatga ataatgaggg tcg 213

<210> 24468
 <211> 229
 <212> DNA

004220" 6654560

<213> Homo sapiens

<400> 24468

tcttgaactc	ctgacctcaa	gtgatccacc	ttccttagcc	tcccaaaatg	ctggcattac	60
aggcctgagc	catcgcccct	ggcctcaatt	tatttttcta	agtdaagttt	tactggagat	120
aaaaaggaag	gagatgatac	tcaattaaga	aaaacaatct	ctggctatag	ttaatatattc	180
aagataggca	cattcacatc	gatacatata	aagtacaaat	gcaggcaga		229

<210> 24469

<211> 117

<212> DNA

<213> Homo sapiens

<400> 24469

taatcccagc	tactcaggag	gctgagggtga	gagaatcact	tgaacctggg	aggcagaggt	60
tgccgtgagc	tgagatcgca	ccagtgccact	ccagcctggg	caacagagca	agactct	117

<210> 24470

<211> 93

<212> DNA

<213> Homo sapiens

<400> 24470

cttccttcag	atctgtgttc	agatttcgtc	ttctcagaga	ggcttttggc	ccctgtccat	60
ctctctgaat	ttacctctga	cctctcccc	agc			93

<210> 24471

<211> 216

<212> DNA

<213> Homo sapiens

<400> 24471

cagaacttct	accaagtagt	tttaattgat	tagagctatg	agaacaaatt	gcaccccttg	60
atctttttta	ggtgatcact	agggatgcta	ttaaattttta	cagtaatatg	tgttttaagt	120
ttccttttcc	cttatttttc	cttctttttc	atcaaacttt	taaaagatct	ctgattttaga	180
aggggaagcga	agtagatatt	tgatatggga	gtccgc			216

<210> 24472

<211> 320

<212> DNA

<213> Homo sapiens

<400> 24472

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ggagaatgga	accaagttgg	aaaacactgt	aggatattat	ccaggagAAC	ttccccaatc	120
tagcaaggca	ggtcaacatt	cagattcagg	aaatacagag	aacaccacaa	agatactcct	180
cgagaagagc	aactccaaga	cacataattg	tcagattcat	caaagttgaa	atgaaggaaa	240
aaattttcaag	ggcaggcaga	gagaaatgtc	aggttaccca	caaagggaag	cccatcagac	300
taacagtggga	tctctcggca					320

<210> 24473

<211> 324

<212> DNA

<213> Homo sapiens

<400> 24473

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ttgaaatttg	aacttaatag	aagtcacatt	tcagaaactc	ctcttgactc	tgagagtcct	120
caacaagctg	aagtatcacc	tgatgctaaa	acatctctta	gccttgactg	taaaaaacta	180
aatttcagta	tttcacctcc	tacctttggt	tctggagttg	ggatgctgag	caagttggat	240
attcctgatt	taatgaatga	gggttctcct	gtgcccattg	aaactgggaa	tgtcaacatt	300
gttggtat	cctatcagcc	tagg				324

<210> 24474

<211> 96

<212> DNA

<213> Homo sapiens

<400> 24474

tgtatgggtcc	tggtgcttg	ggaggctaag	gcggggggat	cgtttgagcc	cgaggagtktg	60
aggctgcatg	gagccatgat	tgtgccacta	cactcc			96

<210> 24475

<211> 86

<212> DNA

<213> Homo sapiens

<400> 24475

attaagacta	tactttcagg	gatcatttct	atagtgtggt	actagagaag	tttctctgaa	60
cgtgtagagc	accgaaaacc	ccgagg				86

<210> 24476

<211> 364

<212> DNA

<213> Homo sapiens

<400> 24476

gaattgatta	aaaaaaaaag	atccadtgat	cttttgcccta	taagaaacac	acttcaccta	60
taaagaaaca	crtacattga	aaataaaagg	atggaaaaag	acattccatt	tcaatagaaa	120
ccarraaaaa	gagtaggwtt	agctatactt	acatcagaca	aaatagattt	caagaccaaa	180
agtataagaa	gagacaaaga	aggttactat	gtaatgataa	agtggatcaat	tcagcaagag	240
gwtataacaa	ttataaatat	atatgcaccc	aacactggag	cacgcagata	tataaagtaa	300
atattattag	agctaaagag	agagaaaacc	cawtacrata	atacctggaa	acttcaacac	360
ccct						364

<210> 24477

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24477

aaaattggcc	gggcatgggt	gcgggtgcct	gtgggtcccg	ctgcttgagg	ggccgaggcg	60
ggagagtggc	gtgaacctgg	gaggcggact	tgagtgggc	cgagatcgcg	ccactgcact	120
ccagcctggg	cgagakggag	aaa				143

<210> 24478

<211> 71

<212> DNA

<213> Homo sapiens

<400> 24478

ctatttttttc tagatttata gaggtataat tgacaattaa aaattgtgta tattctagat 60
atgcatgaac g 71

<210> 24479

<211> 78

<212> DNA

<213> Homo sapiens

<400> 24479

atttttagcg gagatgggggt ttcgccgtgt tggccgggat ggtcttgatc tcctgacctc 60
atgatccgcc gcgccact 78

<210> 24480

<211> 70

<212> DNA

<213> Homo sapiens

<400> 24480

ctggtgcgct gcacccacta actcgatc tagccttagg tataatctccc aatgctatcc 60
ctccccgcat 70

<210> 24481

<211> 189

<212> DNA

<213> Homo sapiens

<400> 24481

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gtgcagggttt gttacatatg tatacatgtg gcatgtttgggt gtgctgcacc cattaactcg 120
tcatttatat taggtatatc tcctaattgt gtccctcccc cctcccccca cccctcgcca 180
gtscgcggc 189

<210> 24482

<211> 426

<212> DNA

<213> Homo sapiens

<400> 24482

caattatatt atgatactaa atttcttatt ccccaactta tgatcgcttc accttctttt 60
tttcttatt ggtcagtttt aaagggttga tttcttctta cataatactt agagactaaa 120
caaattctcc ttttataaag ttgagaagggt gactgaataa tttccatcca ttgaatagac 180
attcaagtaa acattcatgt taatagattt taaaattatt ttccagaata aataactaaca 240
aacctggcaa aaaagattta aagtctcata atgaccattt ttgtcaagaa catactgtat 300
cctggtgagc gatgaatata ttgtatgtkc ttttcttgta actagtaggt tacatttctt 360
atggcagtag ctttagctct taacattggt tagrattcat ttagaaagaa gwaatttctt 420
tgagaa 426

<210> 24483

<211> 66

<212> DNA

<213> Homo sapiens

<400> 24483
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 ggccac 66

<210> 24484
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 24484
 aagactatac tticagggat cattttctata gtgtgttact agagaagttt ctctgaacgt 60
 gtagagcacc gaaaaccacg aggaagagag 90

<210> 24485
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 24485
 tatggctgtg attatctatc tgtagatgct ttctacatga gkkggcttac ttcagatttc 60
 tctcttgaga tticagccttg cgcaccacgc tgacaattga tgtctaactc ttttcttttc 120
 cccaaaaa 128

<210> 24486
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 24486
 aaaaattagc tgggtgtggt gacgcacgcc tgtaacccca gctacttggg aggctgaggc 60
 aggagaatcg cttcaacctg ggaggcggag gttgcagtga gccaagatca caccattgca 120
 ctccagcctg agcgacaaga gct 143

<210> 24487
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 24487
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 gaattagaac tctcctcctg tttgtttttt tttttttt 99

<210> 24488
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24488
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 gcgtgagcac tgcgcccggc cttatatattt taaatggatc atactttaga tattattttg 120
 tcaataagta gtctcctgct atgatttaaa attgtacctt atatcaaaat aatacatgtg 180
 tat 183

<210> 24489

<211> 71

<212> DNA

<213> Homo sapiens

<400> 24489

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt	60
gtagagcacc a	71

<210> 24490

<211> 344

<212> DNA

<213> Homo sapiens

<400> 24490

actttgggag gccgagaaka gcggattgcc tgagttcagg agttcaagac cagcctgggt	60
gacacagtga taccctgtct ctactaaaat acaaaaaatt agctgggtgt ggtggcacga	120
tcttgagtca ctgcaacctc cgcctcccag gttcaagcat ttctcctgcc tcagcctccc	180
gagtagctgg gactacaggc acaagccacc acaccagct actcgggagc tgaggcaggg	240
ggatcgcttg agcccaggag gcagagggtt tggtgagttg agatcatgcc actgcactcc	300
agcctgggtg acagggcaag gcctgtctaa aaaaaatgtt ttgt	344

<210> 24491

<211> 368

<212> DNA

<213> Homo sapiens

<400> 24491

tgttttttat aaaatgtaaa attaatTTaa gcagctaagt ctattaatgc caaagagtaa	60
atctatttaa gtgaaacatt attttcatat gtaagctttt ttatgaaaaa attttatgaa	120
aaatattaat ggaagttttt ttcttatata ctgagtcatt taccttattt gatatatgtt	180
cttgaaaagc aaatatatTT ttcttactat cctcttagg agatattaaa aagtcataata	240
taatatatat atttttttaca accagtgatg cagcatttgc acaattatct ctgaagggtt	300
tattccggaa tgcttctgca ccagaaagaa ggttctagac ataggatatcc gcaactacag	360
tgatcacc	368

<210> 24492

<211> 173

<212> DNA

<213> Homo sapiens

<400> 24492

agggggagtg aaaactagwg gagggcgaag gaagcgaggc gcgacactgc tggggagagg	60
agggcagtga ggagcgagga gcgggcagag gcagctccgg cggccgagag gagggagcgc	120
ggcgagaga ggaggggctt gcgccccgta gaaatgtcaa tcagacccccg ccc	173

<210> 24493

<211> 85

<212> DNA

<213> Homo sapiens

<400> 24493

acaagattag gcacaaactt catgaaatca tatttctaata gacttttttta tttaacaaaa	60
ttctaatttg ttcttttttt ttttt	85

<210> 24494
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 24494
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 aactcccatc tctactaaaa atacaaaaat tagctgggagc tgggtggtgtg catgcacctg 120
 tagtcccagc tacttgggag actgaggcag gagagttgct taaaccgcg aggtggaggt 180
 tgcagtggc ccagatcttg ccaactacact tcagcctggc aacagagtga cactccatct 240
 aaaaaaaaaac aaaacttaca gtacaccttt tgtttagctgt ycttgaattt ttccttcagt 300
 ttggactaaa tcctaaattc tctgtgggct aaaagtcccc aaactaatgc tttcaaatct 360
 ttacttttga aactgggaat tgcactcctc a , 391

<210> 24495
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 24495
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 atggccttgt cacagagatc acaagggaca cggagttgac ttttgctcaa ggtggaacga 120
 cagagctgtg taggcaagat gagaaattgc gaacttgctc ggccaaaggt atgtttcttt 180
 cataattcca catcctaggt tttcttatta agatttttgt ttgatgggtc atgggttctt 240
 tttttgtttc ttgaccgaaa tgattcagaa aaagatccgt atgcttttcg ggcagat 297

<210> 24496
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24496
 cyaggatcca ttcgaggttt gccattgtc ttggttgacg tgcctbwcta ttttawttat 60
 ttatwtatct atttattttc agacbggttt cactcttgct aggctggagt gcagtggcat 120
 gaccacagct cactgcagtc ttgacttccc aggtccagat gatcctccca cctgaagcct 180
 cccgagcagc taggactaca ggcattgcacc actacg 216

<210> 24497
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 24497
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 atacgaagtg atccccaatt ccactagtag attcatgctc cgttcattat cactgttcac 120
 agtagctttt ctaaatgttt ttcacttacc ctgggtttct aagtctgcct gattccttca 180
 gctttggacg ctgctcctat gtctgttga agtgaaaaga tcaaggctgc ctgatctcct 240
 ttaacaaaca actgtaacct gccctcttt gatttacgat atcattgtca tcattagtcc 300
 tttttctctc tcctattttc gggaaaatat taccctcttc ttttaaaaag ttaatccaca 360
 cacatgctct taattttacc catttcatt cattcttcaa tt 402

<210> 24498
 <211> 184

<212> DNA

<213> Homo sapiens

<400> 24498

ttcagtctca	tagccaatsa	gagtgtctct	tgtaccatct	caagactttg	tctctggatg	60
tgcagagagg	aatggaggaa	gggcattttt	cttaggttgg	tttgggaggc	ctgaggtggc	120
attggagctg	agacctgaat	gatctgcatt	ctaaggcaaa	ggtcttgagg	tgcaagtgatg	180
agca						184

<210> 24499

<211> 141

<212> DNA

<213> Homo sapiens

<400> 24499

atccaaactg	acttttttgc	aataattttt	ccctcactgc	aaattagagg	aaatatacaa	60
ctccttttcc	tcttttctcc	taacgttttt	gagaatggaa	atgatattca	ccttttgttt	120
gtctgtttct	cctctcamcc	a				141

<210> 24500

<211> 199

<212> DNA

<213> Homo sapiens

<400> 24500

tagcaagtct	gaagtcatag	tattttatatt	tattattttta	ttttattcctt	ttgtttgaga	60
tggagtctca	ctctgtcgcc	caggctggag	tgcagcgnca	tgatctcggc	tcaactgcaag	120
ctcctttctcc	cgggttcacg	ccattctcct	gcctcagcct	cctgagcagc	tgggactata	180
ggcaccgcgt	accacgcct					199

<210> 24501

<211> 90

<212> DNA

<213> Homo sapiens

<400> 24501

catttttaggg	gttctaattgt	acatggtaat	gtgttttttca	tttcaaattc	cacttgttca	60
ttgctagtat	ataggaaatg	atgaactttt				90

<210> 24502

<211> 96

<212> DNA

<213> Homo sapiens

<400> 24502

tgtatgggtcc	tggctgcttk	ggaggctaag	gcgrrgggat	cgttttragcc	cgggagthtg	60
aggctgcatg	gagccatgat	tgtgccacta	cactcc			96

<210> 24503

<211> 127

<212> DNA

<213> Homo sapiens

<400> 24503

caggggactt ggcagacgcg agagaacacc acagatatctt ggcaggatga atcagaatgc 60
tcagagaacc acagcttcag acaaaacgtg gatcactacg ccttgctata caccttgacg 120
ctgatgt 127

<210> 24504
<211> 150
<212> DNA
<213> Homo sapiens

<400> 24504
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tttacaagaa aaaaacaaac aaacccatca aaaagtgggc gaaggacatg aacagacact 120
tctgaaaaga agacatttat gcagcctata 150

<210> 24505
<211> 87
<212> DNA
<213> Homo sapiens

<400> 24505
tataactttt ttactttata aacttttaaaa ttttttaaac tttctgatcc ttttataata 60
accttttagtt taaaacacaa acagccc 87

<210> 24506
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24506
gtagggttaat aattttaaatt tgttcagcag ctctcatttt tgcatttata acttcttgaa 60
aatgaggaa gtgcatttga tttgtttag atataaatac tggtttaaga tcaggaattc 120
tatttttctt tctcttgaga aaggtgttct ttgatgtaca tctcttgcaa ctctgatact 180
tggaagttgg atc 193

<210> 24507
<211> 226
<212> DNA
<213> Homo sapiens

<400> 24507
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aggaagaggc ttgttctgga cttccaaatg gcttccttta aaaagaggca tttaaatttt 120
tccagttgct ttttatagtt gatctaggat agaaaaatta tggccatcat ggtttccttt 180
catattgtta aaaatgatca aggggacttt aagattttat gagaaa 226

<210> 24508
<211> 188
<212> DNA
<213> Homo sapiens

<400> 24508
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tttatttata aaactttgtg gcattccaca aaataattct gaaagaatta gtatggccaa 120
aaaaatatgt atggtgtttt ttttttyct atttttaacc arggaaaaac tgtrgagtga 180

gtragtrr

188

<210> 24509

<211> 230

<212> DNA

<213> Homo sapiens

<400> 24509

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gacaatgcag	caggtctatg	gtttatgtaa	gaacagatta	acatttatgt	ytaagtyact	120
attagatatt	taaggaatgt	atgtagaact	tcaaaaaatg	tttctcttta	attaaccttt	180
ctgattaacc	aacaaactaa	tggttcctgc	agcattgaac	agagagccgt		230

<210> 24510

<211> 326

<212> DNA

<213> Homo sapiens

<400> 24510

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tgacatttat	aaatttatta	tatccaacta	ctccagcaaa	gccactgtat	tagaactcaa	120
aacttatttt	aatggkaaa	tttgaccac	atgatgtgat	gcatgggtgc	ccacaatttt	180
gtataagatg	ttttttttga	aacccccactt	aagaaatgga	agaatgtctt	acggttaaaa	240
tatgtatgta	cacaaatata	aaacaaatgt	ttgtgcaagt	gttttcaatg	cttgaatatg	300
tcctcctata	gtatattaca	agcagc				326

<210> 24511

<211> 455

<212> DNA

<213> Homo sapiens

<400> 24511

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aaaaggaaat	cagtagtwaa	ggatacctga	tttcaaaaata	tttaaagcat	aacctaaactg	180
atggtaggat	gattgtatct	tgaatatgtg	gtagggccac	atctattgta	ggaaaacctt	240
gcttttatca	tctgtgtgta	aagggtctaa	taaggagaag	aggccttttg	actgatttgt	300
gagtataaat	gcatttgctg	tttcatttca	aaaatgttgt	ggaggaaaag	agtacattta	360
acttgtatag	gaaatatttg	tactcctgtc	caggctgcag	gacctttctt	cgagagcwtt	420
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<210> 24512

<211> 180

<212> DNA

<213> Homo sapiens

<400> 24512

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gcagggagtg	ggagtgccac	tgtggaaatt	tctacgtcc	cttagtgatt	ttgtgtaaga	120
tttcgggaag	cctgggtca	caatagaaaa	gtaggagcta	tttgaatagg	aagagaggta	180

<210> 24513

<211> 264

<212> DNA

<213> Homo sapiens

<400> 24513

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taaaggttta	taatcatagc	aaactagtac	tctaataaat	ttaaatgacc	acaaatgatt	120
cctcaaactt	gagcagcaca	ctgctaacaa	atgaaaaggt	tttctgatct	gtgccctagt	180
tcattttatt	ttgctatatg	catatgtgta	tctacttatg	cacaggtaca	cacacacgca	240
ctgtaattac	atcacaacac	cccg				264

<210> 24514

<211> 225

<212> DNA

<213> Homo sapiens

<400> 24514

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actttcaggc	cttaccttag	atcagttatc	agaagcattt	ggcactgttc	caacttcttg	120
aaactgtcca	cttttggtt	ctaagacatt	gctaagtcct	ggttcttttg	tatttcttgc	180
tgccccttat	tagtttttat	catggaaccc	ccccctcccc	ctccc		225

<210> 24515

<211> 321

<212> DNA

<213> Homo sapiens

<400> 24515

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tcartatgac	tgtcttccac	ctccacatct	tgtcccattg	gaaggtttta	ggggcagtaa	120
aacaggcatg	gaggtgtcat	ctcccttgat	aacaatgtct	tgtcttggaa	tacctcctga	180
aggacctgcc	tcgggggtcc	ccccactgc	cttgaaactc	tctggctctg	tcaacctggc	240
tggagtncag	tagcacgata	tcagctcact	gcaacctcca	mtttctgggt	tcaagtgate	300
cttgtctcty	agcctcccaa	a				321

<210> 24516

<211> 170

<212> DNA

<213> Homo sapiens

<400> 24516

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ctccgcaaca	cctccacctg	ggagtttcag	aggcgctctc	cctcagcgtg	tctgcagctg	120
cgtgcctgca	gctgcgtgcc	tgcttctctc	ctgcacctgc	tccactcccc		170

<210> 24517

<211> 163

<212> DNA

<213> Homo sapiens

<400> 24517

ccatttatca	attgatcagt	gattgatcta	taagtttatt	tatttaccat	cataaccatt	60
tctaagtga	ttcacattgt	tctgcaacca	tcaccaccac	ccatcccaga	actttctcat	120
catcctgaac	cgaaactctg	cccattcaac	aactcccgat	cca		163

<210> 24518

<211> 151
 <212> DNA
 <213> Homo sapiens

<400> 24518
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 tatgggtgag ataggggtga atgaaagatt actccaaggt ttctttggta gggaccaggt 120
 agatgggtgg atttaccagc tgaagtggaa a 151

<210> 24519
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24519
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 tcctactaaa agtacaaaaa ttagccgggg atgggtggcag gmacctgtma tcccagcwac 120
 tcgggwrct gaggcaggaa aatcacttga actcggcggg ggcta 165

<210> 24520
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 24520
 ttgatgatac gtaaactatg aaccaagaat cagagtattc tagacatgtt ggaaaggatc 60
 ttgggtcagt acatggcagt cataaatatg ggcaaggga tatatccaat ttttt 115

<210> 24521
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 24521
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 gagacggggg ttcaagtgtg kagccaggat ggtctgggtc tcctgacctc atgatccgcc 120
 aacctcggcc tcccakactg ctgggattat aggcattgag caccgtgcc ggctgat 177

<210> 24522
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 24522
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 agaaggctct catgagaaac tgcctcccca gcacctgagg gccccacca 109

<210> 24523
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 24523
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ccctttaact tgtgtgtata aatatatgtg tgtgatgttt tctcttataa agatagtact 120
 agtgggtata agttttgaga taacttttgg caagcctttt caaacctaaa aagcaagtgc 180
 tggcaagtgc taaaaatata tacgaattaa cctccacttt ggtgaaactc atggtaagaa 240
 tatgtgagaa gttaagggtt caaataactg cctcctcat cccacccgc t 291

<210> 24524
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 24524
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 tgggtgaaaa ctgatctga accagtgtga gactatttgt agtctgtccc aactgctggg 120
 catacttwtta ttattatta ttattattat tattattatt attatcattt tgaggcagag 180
 tttgctcttg ttgccaggc tggagtgcaa tgggtgcgatc ttggctcact gcaacmwctg 240
 cmwcccggtt ttaagcaact ttctgcmct accctcca 278

<210> 24525
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 24525
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 gctagagttt taagtagtga tggttaaatt tttaaatttt tctggagggtg gtagtgagtc 180
 atcaaactct gaggcctaga cttatcggaa ggcttggtata tgtgtggttt aaaaaaaaaa 240
 gaaaagagta agtgaccgtt ttctgatcag ctat 274

<210> 24526
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 24526
 agccatgatt acaccattgc actccagcct gggcgacaga gcaagactcc atcaaa 56

<210> 24527
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 24527
 taaaatgaaa agacatgttt ggcttatgac ttaaaacagt caaacatgtt tgggtcaaaat 60
 aatacatata ctaacatctg agtgctcagc tgtagtcccta ccta 104

<210> 24528
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 24528
 caggatatta tggagccaag atcttggtag aacaaggaaa ttcgagagts acattgggac 60
 aaactttccc ctagaggcat atcttctgat tcttaaagag gcagctgaga ggctagaaat 120

ctttccagca aaacttactt tttttttttt tttttt

157

<210> 24529
<211> 225
<212> DNA
<213> Homo sapiens

<400> 24529
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tcgagaaatg ctcatTTTTg ggctgcccct ctgccggcct ctctggattc agagggcagc 120
cgctgctcct tttgttttgt gggcctggct ctggggcccg agcagcacct ccctggggag 180
gccgcctttc cttccgcggc ttcttccgtc tctcctgac cccga 225

<210> 24530
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24530
aaaaacttct gccttcttgt ttgcaccctt acatctatcg gggtaccttt gccacagcta 60
atgaatctc agcgttgcta attaggatgt ttaacgaaaa gggaacattg aaggatctga 120
tctacaaggc aaaacaaaa gaccatttc taaagaagta ctgcaaccct aagaagattc 180
agggcctgga act 193

<210> 24531
<211> 211
<212> DNA
<213> Homo sapiens

<400> 24531
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cagcactttg ggaggccgag atgggtgaat tacctgaggt caggagtctg agaccagcct 120
gatcaacatg gtgaaactct gtctcaacta aaaatacaaa aattagctgg gcgtgggtggc 180
agacgcctgt aatcccagct actcaggagg c 211

<210> 24532
<211> 82
<212> DNA
<213> Homo sapiens

<400> 24532
attcgggtggg ctgaataaca agttatctaa taatttatct atctctctct gtgtctgttt 60
ctgtctcctt actaccctgc ct 82

<210> 24533
<211> 176
<212> DNA
<213> Homo sapiens

<400> 24533
taggcactct gacagaaaca aagaccgaat atatttcata ttataccaca atagatctat 60
agctgtagct ggcatttact gagcactgtt gcactattta ttgccactat tgacctaaaca 120
agtcagcatt attctaagtg cctgtgtat attattttaat cctcacacaa cagcca 176

<210> 24534

<211> 114

<212> DNA

<213> Homo sapiens

<400> 24534

tattattaga actacttgag aaccagtacc cattggccca aatataaggt ataagtataa	60
ataaatccat aactataact gttattattg atataactac acacacacgc gccca	114

<210> 24535

<211> 327

<212> DNA

<213> Homo sapiens

<400> 24535

gcacacttta ttgtacttcg ctttattgct cttttaggt attgagtttt ttacaaattg	60
aaggtttttg acaaccctgt atcaaggaag tctatcagtg ccattttttt ccaacagcat	120
gtgctcactt tttatctcta tgtctcattt ggtaattcac ataatatctt aaactttttc	180
attaataaat aactgttatg gtgatctgtg atcagtgata tttgatgtta gtgttgact	240
ataggggtgcc aataactctg cctatacaag atgggtgtact taatcaataa acgtgtathc	300
tgactgcctt accctccatt cctcat	327

<210> 24536

<211> 286

<212> DNA

<213> Homo sapiens

<400> 24536

aacaagtgtt tgataatcag aaatgaaaaa aaatccataa attgcttaaa tcagattctt	60
cacttagttt tagaagtttg gttggcatga aaaatgaatc aatgacgctt acaatggaaa	120
ggaatactat gcttttctct tgtaccttct ttaaaataat tttatagttg atccctgaaa	180
aatacaagtt tgaactacac cagttcactt atatgtggat ttttttcagt aaatatattg	240
gaaatttttt tggagatttg taacaatttg aaaaaactcg cagatg	286

<210> 24537

<211> 224

<212> DNA

<213> Homo sapiens

<400> 24537

ccataataca ttttttagtag tgggattctt cagttattgc cgaatacagg agtcagcaaa	60
atcactgccg cctccccac cccacagtgg cttgcaacag tggctgcagg tctgctcatc	120
tggttttctt tggaatgtct tagaaaatat aagtttgaga aattatttag aaatttaaag	180
ataacgttgg aaattgagtg tgtaacttcc aggagagggg aact	224

<210> 24538

<211> 176

<212> DNA

<213> Homo sapiens

<400> 24538

ccacaagcaa agtttgactt gggcccactg ccgagtccag aggccggaga acggccactg	60
gtgtgggagg ggagcgcacg agtgggactt tgcacagcaa attgtgtccc cagctcctcc	120
tctcccgcct gcctggagcc ggccctgaag gtttctatga agaaataatc ccccgt	176

004220" 666E7560

<210> 24539
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24539
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ctctaactac tccttgtagc gttgcccgtg tctttcacia ttttaagggt tctactggaa 120
gaaaggattc ctgttgccag gacagttggg agtggaatat ttgtaattca ccctcaaata 180
ctatgctcca atc 193

<210> 24540
<211> 158
<212> DNA
<213> Homo sapiens

<400> 24540
ttgtttccat agagaaagggt tacaagagaa gagttctgtc tcttgaaaac ttttgagttc 60
tttccaaaca gctctttttg gacacatatg agaacttagt aagggtgtga actgatagggt 120
cccttccttc cttggggagt tttctctagc ccaccbdr 158

<210> 24541
<211> 220
<212> DNA
<213> Homo sapiens

<400> 24541
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tgcttgtaat atagtgtctg gtaaagaata ttctataata cctgtaaagc ccagctatgt 120
tatctaatta gtagactttg atttaagtgg ctgtaattat ggaattgaat agttgccttt 180
ctaaataacc aaatggtaga tttaaatata taaagatgta 220

<210> 24542
<211> 136
<212> DNA
<213> Homo sapiens

<400> 24542
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caagttcctg acctcagggt atccaccgc ctcagccttc tgaagttttg ggatcacagg 120
tgtgagctgc cgcacc 136

<210> 24543
<211> 400
<212> DNA
<213> Homo sapiens

<400> 24543
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ctctgtgaaa gctggaattt catgrdgggc tcttcgaggt aaagcccagc ccctatacca 120
ntgcttgggt cctcagtaga cactcaaaaa atctttctgg tcataggmag aattctaaga 180
tgcccccatg atctctacca cctgctgtta ctactatgat tatgtwatcc aacatttcaa 240
aggttctttg aagatgtagt tcaggttact aatcagttgg gttaaagava aaatgatgat 300

atgggtgagc tgaacctaata tttttgagts rtttcaaagc agataattkt cttttgcagc 360
acaggacaaa gtaaaaaaga ttcaaaatac aagaaggagt 400

<210> 24544
<211> 294
<212> DNA
<213> Homo sapiens

<400> 24544
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acattggtag gtagtagggg gtctccagtg gctcaaataa aatgaaatta ggttgacagg 120
gcaggacaaa ttttatttgg ggagagttag atacgagcat caaccctaag aatttgcatt 180
ctgtcttttg tcttccagtg agactaaatc ctactaattt ttccaagcca gctctcaagt 240
ttttaacttt tgcttttttt ctgcttttga gaggcctat cgcaaaactt tttt 294

<210> 24545
<211> 148
<212> DNA
<213> Homo sapiens

<400> 24545
gatcacctga ggtcaggagt tcgagaccag cctggcctaa cacgggtgtaa ccccatctct 60
actaaaaaca caaaaaatta gccgggtatg gtggcgggtg cctgtagtct cagctactca 120
ggaggctggg attacaggca cgcaccaa 148

<210> 24546
<211> 119
<212> DNA
<213> Homo sapiens

<400> 24546
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tcggctcacc gcaacctcag cctcctgggt ttaagctatt ctctccctc agcccccca 119

<210> 24547
<211> 204
<212> DNA
<213> Homo sapiens

<400> 24547
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cgggtggtgcc caagccaacc ctgtgactga catgtacgat tcaactcctt gagtctttgg 120
atgccaactc agccccctga cctggaggca gccggccaag gcctctaggg aagagcccc 180
cactgcagac atgacccgag cata 204

<210> 24548
<211> 57
<212> DNA
<213> Homo sapiens

<400> 24548
aacaatatgg ttcctggagg agagacactg gaaactttct tttttttttt ttttttt 57

<210> 24549

<211> 208
 <212> DNA
 <213> Homo sapiens

<400> 24549
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 atttaggaag tggaaatatg gaaactctgt gctttaaatt gagaggggta cagtgaaga 120
 aggggggtat gtagaaagtt ctcagaatag agggctgggc gtggtggctc acgcctgtra 180
 tcccagcact tgggaggccg aggcgga 208

<210> 24550
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 24550
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 actgtgttta gttttgttaa gaaaccttga aattgtcttc caaagtggct gcaccactct 120
 gaattcctar cagcaatgaa tgagaatttc tggatatacca caccttcacc aacatttgat 180
 aatatcagtg ttttggactt ttgccatttt agtaggtgtg taatgtatct tgctttaatt 240
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 aagtgtttct ttggatctwt tgcctatdtt ttaatcagat tgttttatta twgtagagtt 360
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 gctkawct 428

<210> 24551
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 24551
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 gttagggttca ggagagcttg gcaaagaagt tgtaatttcc ctacaacgcc ttggtgtaga 120
 agtacatgca gccgaccgtt g 141

<210> 24552
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 24552
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 atttttgaga gatataaac ttaattgatc atttgccaag tgagaaagtg tgtgdgataat 120
 caagctctag cccac 136

<210> 24553
 <211> 100
 <212> DNA
 <213> Homo sapiens

<400> 24553
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 agcaccttac agagttgctg taagacttca cagtcccaaa 100



<210> 24554
<211> 296
<212> DNA
<213> Homo sapiens

<400> 24554
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ttgagttgct ttgacctag ttggggagat aaaaaaggaa gacatggagt attctacata 180
aggcaagcnc atgttaagtt aatgttttgg tggcttagag aaagagacac caaaacatta 240
acttaacatg ggcttgcctt atgtagaata ctccatgtct tcctttttgc cccaac 296

<210> 24555
<211> 124
<212> DNA
<213> Homo sapiens

<400> 24555
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ggcctagccc tacctcttcc cgggccccac tgatgagaag cctctgctct tccaccctgg 120
acac 124

<210> 24556
<211> 100
<212> DNA
<213> Homo sapiens

<400> 24556
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acagaatgag actcctcctt cttaaaataa acaagctaac 100

<210> 24557
<211> 214
<212> DNA
<213> Homo sapiens

<400> 24557
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aatcccagct acttgggagg ctgaggtggg agct 214

<210> 24558
<211> 116
<212> DNA
<213> Homo sapiens

<400> 24558
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<210> 24559
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<212> DNA

004220" 666E7560

<213> Homo sapiens

<400> 24559

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ccttaggcta gactgcacct gtccacagcc cagcccaggc ccatggaaaa gaatagtaaa	120
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<210> 24560

<211> 253

<212> DNA

<213> Homo sapiens

<400> 24560

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tccccgaag atggcagagg agagcagctg taccagggat tgcattgctt tcagcgtgct	180
caactgggat cagggttagcc ggctgcatga ggtcctcact gaagtgtac ctatccacgg	240
acgaggcaac acc	253

<210> 24561

<211> 126

<212> DNA

<213> Homo sapiens

<400> 24561

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<210> 24562

<211> 144

<212> DNA

<213> Homo sapiens

<400> 24562

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gaattgtaaa attggcgact gact	144

<210> 24563

<211> 151

<212> DNA

<213> Homo sapiens

<400> 24563

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<210> 24564

<211> 258

<212> DNA

<213> Homo sapiens

<400> 24564
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gattcatgca agtggttgcca ttatcattga aatgactttt attaagaacc tctgtgcctg 120
aaacaaatgt gtatcagatg ggagaagagc agcttccagc agtgactccc atgatgatgg 180
tggtggtggc aacaggagtt gtagaccttt tggcgaaata gttgaatata atacattaaa 240
tatattttctg catggcct 258

<210> 24565
<211> 446
<212> DNA
<213> Homo sapiens

<400> 24565
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aaagaataaa catcatcctg accttcatct ctgggcttgt tccgggaagc gaaaagacca 180
agatcaaata atagctgggg tggagaaaaa aatagctcaa gacacagtta atcgagaaga 240
waagmaatat gtacagaacc ataaagaacc acctcgtttg cccctaaaaa tggaagghac 300
ttatataaca agtgagcata gctatcaaaa gccacmagda tttggtcagg acystrratc 360
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aattccacat gagaagtaam aacagt 446

<210> 24566
<211> 331
<212> DNA
<213> Homo sapiens

<400> 24566
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tcaatacacc tgacaacctt ggccgtacct gtcttcatgc tgctgcttcc ggaggggaatg 180
ttgaatgtct taatttgctg ttgagcagtg gagctgactt gaggaggagg gacaaatttg 240
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tgactgcygg ggcaggtgtc aacgagggcm r 331

<210> 24567
<211> 201
<212> DNA
<213> Homo sapiens

<400> 24567
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ggctgcggcc cctgggtgtt tccacaccgg tagccagctg tgccctgagg tggaagagga 120
ccggccacc aggaattttc caacaatggc gccaccatcg gtcccgaggt cccagtgatg 180
ctctgtgcca tagagcccgc t 201

<210> 24568
<211> 147
<212> DNA
<213> Homo sapiens

<400> 24568
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aataaatgca gagagattca cagagca

147

<210> 24569

<211> 222

<212> DNA

<213> Homo sapiens

<400> 24569

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ggcatggtgg	caggcgctg	tgatcccagc	tgctcgggag	gccaaggcag	gagaattgct	120
cgaactcagg	gggtggaggt	tgcggtgagt	tgagattgtg	ccattgcact	ccagcctggg	180
caacagagcg	agactctgtc	tcaggaaaaa	aaaaaaaaaa	aa		222

<210> 24570

<211> 471

<212> DNA

<213> Homo sapiens

<400> 24570

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acttaaaaaa	ggataggtag	aaaatctggc	cattttatgt	gttatttttt	tcctgcatac	180
cagtgcctcc	tggaaagatg	gggatgctca	tttcagagac	agcctcttca	cctgtcctcc	240
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atagagactc	tctgggtcct	catccccatg	catatatgtc	tgggagaagc	aagcattctc	360
caaaacaggg	ctgttgcttt	cttctctggc	gcatatgtga	ctgtcttccc	ctagactgat	420
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<210> 24571

<211> 253

<212> DNA

<213> Homo sapiens

<400> 24571

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tgagatgggg	actgagaaca	aggaggtgat	tcccaaggaa	gaaatttctg	aagaatctga	180
gccacatggg	tcattattag	aaaaatttcc	aaaagtgggt	taccaaggtc	atgagtttgg	240
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<210> 24572

<211> 369

<212> DNA

<213> Homo sapiens

<400> 24572

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cttgcttcag	acaaagtccc	aagaattgga	gtctggtgtt	ggctggcaac	catatcattc	180
aagttaagcc	aagtgaggtg	agaaactaac	ggaatggcaa	tttcaaagtc	agattccttt	240
gatgtttctt	ttatctcaag	ataaaactca	gtgctgggga	tttcttcata	ctcatttgac	300
taaaccagct	caagatgtgt	gcagggggccc	ggaccaccct	ggggaccata	accgtttagca	360
accaggctg						369

<210> 24573
<211> 197
<212> DNA
<213> Homo sapiens

<400> 24573
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gatctgcccg cccagcttc ccaacgtgct gggattacag gcacgagaca ctgcacctgg 120
ctgtaattgt cctgtttttt ttctgattgt cctaattatt atgaagccat tataatctat 180
tttgtctctc tagacta 197

<210> 24574
<211> 242
<212> DNA
<213> Homo sapiens

<400> 24574
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caacaacgct caaggccaca ggggtccacc acacagcgcc aacaatgacg ccgaccacca 120
gcgggacgag ccaagccctg agtcattca acacagccaa aacctctaca tccctacatt 180
cacaaacttc ctccacacac cttcctgaag tcaccccaac ttctaccacc atcaccccca 240
ac 242

<210> 24575
<211> 334
<212> DNA
<213> Homo sapiens

<400> 24575
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tttctgggag aaaccctcag tttgtttggt tgttttgaga tggagttcgc tcttggtgac 180
caggctggag tgcaatggcg tgatctcggc tcaccaaacc ctctgcctct tgggttcaag 240
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gctaattttg cgtttttagt agagacgggg tcct 334

<210> 24576
<211> 245
<212> DNA
<213> Homo sapiens

<400> 24576
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tgaggagtgg gaaaggatag gtatcaggat tttggcaggg ttggtttctt ctgaagactt 120
tcttcttggc ttctagatgt ccatcttctt tatatgtctt cacatagtym tccccatata 180
tgtctgtgtc ttaatctcct cttcttaagg acaccactta tattggatta gagaaagcaa 240
cccta 245

<210> 24577
<211> 129
<212> DNA
<213> Homo sapiens

<400> 24577

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cagggttaga	agcggagggc	atttgaagag	tcctttccct	tccttcattc	atttggtgtc	180
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<210> 24583
 <211> 282
 <212> DNA
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<400> 24583						
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ttaaacatga	rggatattac	tggaagtttg	tgattkgttc	tccattttct	agaagtccca	180
ttcaagattt	caaacatttt	caaccttkgg	tctcttttag	wtacatacta	taaagtttgc	240
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<210> 24584
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 24584						
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<210> 24585
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 24585						
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ggaaccctaa	aatttgcaag	taccgaccca	aaactctgag	aataatgtta	gttccaggaa	120
gctgattgca	tcatttcagt	ggaccagaac	agaaaataat	gagttacatt	taataactct	180
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<210> 24586
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 24586						
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taatagtaag	aatnnggaat	tttgcaaaag	ccaagccttc	agatggtcag	ataaagtacc	180
tgatgctgaa	aaacaggaaa	ttgaatcatg	tctccaaaat	gtgccttttg	tcatgcactg	240
ttacagctat	atttcttgta	actacattca	gcctccagcc	aagataaaga	attatgtgat	300
acataacttca	tcttccatca	ca				322

<210> 24587
 <211> 469
 <212> DNA
 <213> Homo sapiens

<400> 24587
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accatttatg taagtggact aagctaaaac tgccacagct aaactattcc tgcctccctg 420
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<210> 24588
<211> 176
<212> DNA
<213> Homo sapiens

<400> 24588
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aatatttttg attaaatctg gaagaaccag tgggcaaggc cttttaaagg ttagctttgt 120
gactaaaagc tggcctagca ggccagggag tkcagctgca ggcgtggggg tggcaa 176

<210> 24589
<211> 119
<212> DNA
<213> Homo sapiens

<400> 24589
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aatgtcaagt ctcatgatag aattttctca ttagaaaaat ccaaaggaa agaccctt 119

<210> 24590
<211> 111
<212> DNA
<213> Homo sapiens

<400> 24590
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aagtgtttcc atttgactta gttctaggaa gtcagcatga atgggccga c 111

<210> 24591
<211> 257
<212> DNA
<213> Homo sapiens

<400> 24591
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tgcaacctct gcctcccagg ttcaagtgat tctgtgcct cagccgcca agtagctggg 180
actacaggca tgcaccacca tgcttgcta atttttgtat ttktagtaga gacagggttt 240
caccgtattg gacaggc 257

<210> 24592
<211> 310
<212> DNA

<213> Homo sapiens

<400> 24592

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tctagtattt	tttaaataaa	gggtagataa	ataatgggtt	tactttactg	tggtaaatat	180
ttcttgagaa	aatgttatgt	aatcaactat	ttaataacaa	atgaggacac	agttctgtct	240
tcataaaacc	tagaataaaa	taakgvagtt	aaaattacca	tatagacaat	tgtatggaag	300
gcagaatcga						310

<210> 24593

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24593

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aaggccaatt	catgctgact	tcctagaact	aaatcaaaag	gaaagcccca	actttccatg	120
cccaagtaat	aaaaggacca	gaggggtactc	cctttgcaac	accaccgccc	c	171

<210> 24594

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24594

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cacgccctcc	cgcagaggga	ggagcgacgg	gttacgctgt	cgccaggagg	ctgaaccgcg	120
cgaggacccc	atccatcaga	ttatatggcg	atntagacgg	tgggaagacc	gcaaggaaat	180
ggtcagcgga	tgacgtaatg	tttgggggtg	cgtcccatte	tgtaacttct	gtacggcatc	240
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<210> 24595

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24595

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ctagcaaaag	tcttttcatg	tgggccagaa	gttggtcaca	ctggcaagga	aatcggattg	180
ca						182

<210> 24596

<211> 312

<212> DNA

<213> Homo sapiens

<400> 24596

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tgtttctttt	gttattgttt	tctaataattt	caagatgact	tctttgatca	tttcccttct	180
agttagagaa	ctcccgttaa	ccattctttt	agggtaggtc	tactggtgac	aagttgtttt	240
cgttttcctt	tatttaagaa	tgtctcaatt	tccctttcat	tcccaaagga	taacttcacc	300

agatatagaa tt

312

<210> 24597

<211> 236

<212> DNA

<213> Homo sapiens

<400> 24597

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aatcaggtaa	tggatattta	aattttctac	cttttagcta	ctgtgagtaa	tgctgctata	180
aacaaccatg	tacaagtttc	tgacacagaca	tgtattttca	tttcccttgg	agcggc	236

<210> 24598

<211> 229

<212> DNA

<213> Homo sapiens

<400> 24598

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gcctgggcat	atgggtgagat	ctcctctcta	caaaaaaaaa	tttaaaaatt	agcccagtat	180
ggtggcacgt	gtcttttagtc	ccagatactt	gggagattga	ggcggggag		229

<210> 24599

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24599

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ccaaagtgtc	gggattacag	gtgtgggcca	yaatgcctgg	ccccttctgc	atccttgтка	120
ttaacatgtc	cctatcattt	ttttatgaca	tccttacttt	ctgtagaaga	tgttctcagt	180
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<210> 24600

<211> 358

<212> DNA

<213> Homo sapiens

<400> 24600

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ggcagtgtgt	gcaaacactc	ccattccaca	cacgcccctt	cccctcccca	catcagggtg	180
tgcctttgga	gcacttttgc	gtaggaagga	attcctgtctg	aactgtagct	ctcactcacc	240
cccaa	atcat	tgaatgaccc	tgaggcccag	ttcctgtggt	gcaacagtgc	300
tactttcaat	gggaacagct	gtacatgttg	cagggcagga	tttggttccc	aagagcga	358

<210> 24601

<211> 330

<212> DNA

<213> Homo sapiens

<400> 24601

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aatgggggct	tggggcctta	tttggggccat	ctccctaagc	aatccccttc	cttcctgggt	180
gaccttagct	gtgggtctgg	gatctcttcc	ttgggtgggt	aaaatgtgaa	agctggggac	240
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agagccgagt	cccccatgag	caggcaggac				330

<210> 24602
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 24602						
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<210> 24603
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 24603						
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atgctggcat	tggaggtgtg	gtggagggat	cacagggtgc	actcacactg	gc	112

<210> 24604
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 24604						
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aggacaaagt	tttaaaagcg	tattttaaactt	gatgttttct	atcagcataa	ataaaatggg	120
catgaatagt	cattaaaaac	agttgccagt	gataatctgc	atgaaggaaa	aagaaccctg	180
caaattggcta	ttgagttgga	agtattgttt	ttgatattga	agagatattc	agaatgctca	240
caactgraaat	gcctcaactt	tttaaagtgt	aagaraccac	catgagtggg	gtctagattt	300
ctaattgmaga	atcatgatac	agtttggatt	aagtatcttg	gactggtttt	aaacagtgtc	360
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<210> 24605
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 <212> DNA
 <213> Homo sapiens

<400> 24605						
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cggggctctc	ctgtgttccc	caggctggcc	ccaaactcct	gggctcaagc	aatcctgcct	180
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<210> 24606
 <211> 367
 <212> DNA

<213> Homo sapiens

<400> 24606

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gaggccaggc	acagtggctc	atgcytgtaa	tcccagctcc	ttgggaggct	gargcagggtg	180
gwtcgcttga	gctcagcagt	ttgagatgag	cctgggcaac	atggcaaaac	cccactctcta	240
cwaaaraata	caaaaattag	ctgggtcatgg	tggtgcgcg	ttgtagtccc	agctactggg	300
gaggctgarg	tggggbnga	atcggtgagcc	ctagagatgg	aggttgcagt	kagctggagg	360
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<210> 24607

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24607

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tttycttttt	taagtttttra	gatgcttcc	gtgtttttwat	gtwagaattg	tkgthctcct	180
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<210> 24608

<211> 155

<212> DNA

<213> Homo sapiens

<400> 24608

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gctggctcagt	tcacctgccc	cactggttgt	tttttaaaca	aattctgata	caggcgacat	120
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<210> 24609

<211> 254

<212> DNA

<213> Homo sapiens

<400> 24609

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aagaggcagc	aatctacctc	caggaaggcg	agaacaacga	caagttcttc	accaccccca	180
aggatgccaa	ggcgctggcg	gcctacctct	ttgcacacaa	tcacctcttc	tacctgatgg	240
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<210> 24610

<211> 90

<212> DNA

<213> Homo sapiens

<400> 24610

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<210> 24611

<211> 432
 <212> DNA
 <213> Homo sapiens

<400> 24611
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 catttaagtc tttaatccat cttgaattaa tttttgtata aggtgtaagg aagggatcca 180
 gtttcagctt tctacatagg gctagccagt tttcccagca ctatttatta agtagggaat 240
 cctttccgca tttcttggtt ttgtcaggtt tgtcaaagat cagatgggtg tagatgtgtg 300
 gtattatttc tgaggggtctt gttctgttcc attgggtctat atgtctgttt tgggtaccagt 360
 accaggctgt tttgggttact gtagccttgt agtatagttt gaagtcagggt agcatgatgc 420
 ctccagcttt gt 432

<210> 24612
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 24612
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 ctctgtgggt aggtgggtcac acttggcatc tgcagcattg acgtggcccc gctgggtgcc 180
 ttgagcatgc cctcttctct ctctgcaatt tgaatcacca ccgtgccccct tccaccactg 240
 ttccccatgc aaaagctctg cttccagcag cccccactga ccgctctctg tgtggagcaa 300
 agtgctgtcg tgcggtgacc accagggtgaa gaggcagctg tattcagaca tctaga 356

<210> 24613
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24613
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 tgtctctga tctcttgga atgagttggg tgtgttagac ctttccagtc aaaagggggc 180
 ggt 183

<210> 24614
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 24614
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 ccagatcaga ggcaaatggg gcaaaagtta atgagcacgg ccagaaagat gctcccttgc 180
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 gkgcgcactg gaggagtayk tgaggagcca gtacccaac cagcccagcc gttttggcaa 360
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<210> 24615
 <211> 355

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<212> DNA

<213> Homo sapiens

<400> 24615

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tcacagtga	aagccaaaga	agtttccctg	tggctttgtc	aaggagagga	gaagagtaac	180
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attgactaga	gtcttatgtc	acatgggacm	maggcatgtc	cccaatccca	gatccttcta	300
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<210> 24616

<211> 448

<212> DNA

<213> Homo sapiens

<400> 24616

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gatgatgcat	caggaaaatt	ggagtcaaaa	tatcccatgt	acagatgctg	agtccatcaa	180
caaaggaggg	atatcgtcat	cacatctagc	agcagaagac	acaggaaaac	cacatcacaa	240
caaggataaa	gggcaatggc	gttgctgcag	aggacagaac	ggcatcact	tcggctctac	300
ctgagttaac	tctcaaagac	tatggaaaat	aactttatct	ttaaaaggca	gccaaggaaa	360
atattttaag	tagggggmtg	tgattaatgg	aacrtgtaga	gccctcaata	tcanattact	420
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<210> 24617

<211> 128

<212> DNA

<213> Homo sapiens

<400> 24617

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aaaaataaaa	ataaatatta	tggttagtat	ttttgtgaaa	taattgttcg	agattttctc	120
cctgcaa						128

<210> 24618

<211> 376

<212> DNA

<213> Homo sapiens

<400> 24618

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aaggataaaa	ataatttaga	agtgaatgtt	tttctgtacc	atctatgtgc	aattatactc	180
taaattccac	tacactacat	taaagtaaat	ggacattcca	gaatatagat	gtgattatag	240
tcttaaacta	attattatta	aaccaatgat	tgctgaaaat	cagtgatgca	tttgttatag	300
agtataactc	atcgtttaca	gtatgtttta	gttggcagta	tcatacctag	rtggtgaata	360
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<210> 24619

<211> 283

<212> DNA

<213> Homo sapiens

<400> 24619
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 aatacattat ctaatcatta caatatcaaa ggaaagtatt attctaaaag gagaactacc 180
 acgtgaactt ggcccttcct gatatactaaa cttatgcttc gtctgtggta tagcaactg 240
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<210> 24620
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 24620
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 aattgctggt tagattctta cacctgtttc cttgcaaaaa cttataaagc wwtaaaataa 120
 gataactatg tgcctctggc aggggaatcc tgctaaacgg ttaaccatga ggtgcctagc 180
 gtgcattcat aatgaaagggt gcaaaatgcg ggtgacttta cagtcataaa gtaattcaga 240
 agargcagcc agccctggca atgttgtggc atgctacagt gtgttaacag aggwkgagga 300
 agaggggag 309

<210> 24621
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 24621
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 tctagtatta aaatcatagc accttagcag ggaagaatta cagaaattat agaattggtaa 120
 aatattagat ccagagat 138

<210> 24622
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 24622
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 aattctcaat ttttgagaaa agacaaaatg tttgtcgtta cagttttggt gttgctgccc 180
 ttagttgctt tcattaccct caaattctgt aacttgatta attttccaac tcwkagacac 240

<210> 24623
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 24623
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 tgtactaatt cataatgccca ccaatggtgt acgaggggtc tgctttctcc acatcctcac 180
 cagcatttct taatgcctgc catttggtata aaagccattt taactgaggt gagatgatac 240
 ctcattgtag ctttgatttg catttctgtg atgatcagtg acgtcgagct tc 292

<210> 24624
<211> 373
<212> DNA
<213> Homo sapiens

<400> 24624
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gcaattctcc tgcctcagcc ttccgagtag ctgggattac aggcgcagtc yaccacaccc 120
agctaatttt tgtattttta gtagagacgg ggtttcacca tgttggtcag gctgggtctcg 180
aactcctgac ctgtgatct ggccgtctgg gcmteccaaa gtgctgggag gcgtgagcca 240
ccatgcccg ccagtgaaca ctaacgtctt acgaggtatt tatgagakra aagcttaawa 300
ttgcaaaaag tccatgcaga gccctcattc ctgcgaacac attgggctga ggccactgtc 360
taattgcagt tta 373

<210> 24625
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24625
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tggtttcaaa atttagatat aagwkggggg aaaaatggaa ccagggcacc 170

<210> 24626
<211> 404
<212> DNA
<213> Homo sapiens

<400> 24626
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agagtttggg caaggagaga atccttgtca ctggaaataa ggaactgaat ggaaaagtga 120
gagtttagagt atggccagtg atctttggaa tttttgcctg gaggggcctc agagaaatgg 180
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gggatttatt tcgagttggg aatgaaagag gaagaaagca agaaaggaaa gtgggcttct 360
tagggtagta gtcaaaggta caaattgaga mgtaaccacg ctca 404

<210> 24627
<211> 172
<212> DNA
<213> Homo sapiens

<400> 24627
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aaagaatata ccataaaga actcagctat tttgcagtaa agagaagaac aaaatgggta 120
cakgattgtg gatatcatag atgctgttct cacacaacca ctgggggtct cg 172

<210> 24628
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24628

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attaatgcta	aagtgtcagg	aagaaattaa	tttagcttca	ataattgtga	ctggcctcag	120
gaattctccc	ttccacacct	gcccacctca	cctcactgca	ccacaccctc		170

<210> 24629
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 <212> DNA
 <213> Homo sapiens

<400> 24629	
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ttgcgtcacg	gagctgttag
t	

<210> 24630
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 24630	
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aaagatcaaa	tgacatcatg
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tctgactccc	aggccagggt

<210> 24631
 <211> 330
 <212> DNA
 <213> Homo sapiens

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cggsccttctc	tgtgaccgtc

<210> 24632
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 24632	
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<210> 24633
<211> 133
<212> DNA
<213> Homo sapiens

<400> 24633
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<210> 24634
<211> 147
<212> DNA
<213> Homo sapiens

<400> 24634
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tggtgccata aaataacacc taagcatata ctattctatg ctttaaaatg aggatggaaa 120
agtttcatgt cataagtcac caccaaa 147

<210> 24635
<211> 256
<212> DNA
<213> Homo sapiens

<400> 24635
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ccaataatct caggaggaga cttttaaaaag ttcattggaaa atgtgtatta tgaacaaatc 120
atgcatggat ttcaaaatTT ttttacacca aaataaactc atactaactt gttataacat 180
gtatgaacag gatctagttt gaggtactaa aaagaataag acatatgttt gaaaagagcc 240
cctatcagag caacta 256

<210> 24636
<211> 165
<212> DNA
<213> Homo sapiens

<400> 24636
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tgagggatgc caaatccag tgcagatggc aacacaggct attttccacc tccaacctct 120
aatatccttt ctttctttct ttcctttttt tttttttttt ttttt 165

<210> 24637
<211> 370
<212> DNA
<213> Homo sapiens

<400> 24637
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cccattctcag tattkwatca ttccttataa gtcccagtta gtgcttatct taatattatt 180
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370

<210> 24638

<211> 404

<212> DNA

<213> Homo sapiens

<400> 24638

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agtaactgca	gcctcgaata	tctgagctcg	ggagattttc	ccacttcagc	ccacattgac	180
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ttcctttggc	ctcccagagt	gctgagatta	tacacatgag	ccactgtgcc	tggtcacaaa	360
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<210> 24639

<211> 232

<212> DNA

<213> Homo sapiens

<400> 24639

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tcccaccagt	aagtaagagg	gttccaattt	ctgcgcattc	ttgccaacac	tagttattat	180
ctgactttct	ggttataatc	attctaata	gtgtgaagta	gcctcaggtg	tc	232

<210> 24640

<211> 93

<212> DNA

<213> Homo sapiens

<400> 24640

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tttaacgatt	gaagagaaaa	tttatggggc	ccc				93

<210> 24641

<211> 193

<212> DNA

<213> Homo sapiens

<400> 24641

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tgaacatgta	caccacccaa	tgctagaggc	tgacttggaa	accggtgggt	gcaatgccc		120
aggctgtgga	acaatcagcc	catctctttg	tgacctggag	cagtcagagg	gccctcagtc		180
accccgcccc	att						193

<210> 24642

<211> 234

<212> DNA

<213> Homo sapiens

<400> 24642

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taagactcaa	gtttacttgt	cctcctataa	ctgttcagtt	agaaaaaatt	tcattctta	120
tttccataaa	gttacatatt	ataaaacctt	gagctttgag	aaattttgta	taccaaata	180
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<210> 24643
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 <212> DNA
 <213> Homo sapiens

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aaaatgtaca	gattaggtca	tcttaattca	tattagtgc	acggaacagc	acctccacta	240
tttgtatgtt	caaataagct	ttcagactaa	tagctttttt	ggtgtctaaa	atgtaagcaa	300
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<210> 24644
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 <212> DNA
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<400> 24644						
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ccttttttta	taattacagt	tacttattag	gctgtatgaa	gttgtttgac	accccaaacc	180
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ttcttcagct	ttcttgaaca	tagtagtctg	tttgacttat	ttttctcttc	cttatggatt	360
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<210> 24645
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 24645						
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cacatttggt	aagagaagtc	cagkdtacac	atttagggcc	atggaatagt	attttgtaa	180
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tctaaggggt	tgatgggaga	aatattttaga	tgtaccctgt	taacagccag	tcattttgat	300
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ctaataaa						368

<210> 24646
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 <212> DNA
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ggcttgactg	aaatgttctg	tggaacgggt				150

<210> 24647
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 24647
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 ttacattttt tacggcacga gttggttgto aaagcatggt taaaaacatt tatttttaaat 120
 aacagcagta ctgagctgta attcaccat ttaaagtgt caattcagt gtttttagtat 180
 attcacaagg ttgtgcatcc atcaccacaa tcaattttac aacatgctca tcatcccaaa 240
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<210> 24648
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 <212> DNA
 <213> Homo sapiens

<400> 24648
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 gctacaaaac tgtattattc cttaaaggat aaccaggtag gattctaact ggcattattg 180
 tatgcttaag attgatttaa caacagctat tcccagtaag gaaattttta aaatcagatc 240
 cagttacatg tattatgatt tttctacctt atggactatt ttggagggat aagctattaa 300
 gactaagact atgaatgaga gttggggaag gagaggaagg gaggaacctg cacaccacat 360
 tggaacctgc acaccacatt aacacaaagg cratcttctg gctcgact 408

<210> 24649
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 24649
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 ttgcacagtt tttgtctct ctttttasaa ctattaatgt ttgctttata tatttaggtt 180
 ctccaatgtt gagtgcatta ystatttaca attattgtat tctcttggtg tactgacccc 240
 tttattatta cataatggcc gac 263

<210> 24650
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 24650
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 atggaacaa ttctccgata atgctttgct ttttttctta tgtcactctt gtgtactatc 180
 tatttttctc ctctctggga acg 203

<210> 24651
 <211> 369
 <212> DNA
 <213> Homo sapiens

004220" 66666666

<400> 24651
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taatgcatac tttttgatct attatgatgc atactgtgaa tattctgccc accaataaat
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aggactacca catggtgggtc acaataattg agctctgagt tctcaagttt aaaggaaaac
aggcactata cacaaaactc tactgacata ttatcatgga cacaaaggac agagtgctga
gcactgagt 60
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240
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360
369

<210> 24652
<211> 163
<212> DNA
<213> Homo sapiens

<400> 24652
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gttgcccttc gttagatgct tcaaacagtg taaatcctat actgcaccct gtccacctct
gctccctcct ccctccctg agagtgagga cctcatccga cca 60
120
163

<210> 24653
<211> 136
<212> DNA
<213> Homo sapiens

<400> 24653
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aaactccgga agcttt 60
120
136

<210> 24654
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<212> DNA
<213> Homo sapiens

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tatgagatgg ccctgccaa ggtcggcctc tctgtttaa caaaaacatt ctaaagccat
tggtcttgct tcatggacaa gaggcagcca gagagagtgc cagggtgccc tggctgagc
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cagcctgccc tagtcctacc agctcacagc agcacctgct ctccttggca gctatggcca
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<210> 24655
<211> 204
<212> DNA
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tccaagtcag taaatatgca gcttatttat tctaattgct gcataatagt cctataatgg
atatatcata attactcaa ccac 60
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180
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<210> 24656

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24656

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<210> 24657

<211> 107

<212> DNA

<213> Homo sapiens

<400> 24657

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<210> 24658

<211> 119

<212> DNA

<213> Homo sapiens

<400> 24658

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<210> 24659

<211> 113

<212> DNA

<213> Homo sapiens

<400> 24659

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<210> 24660

<211> 189

<212> DNA

<213> Homo sapiens

<400> 24660

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acgaacatgt acattggtga cttttccagt gatggccagg gagtgacaat gaagagctat 120
agtctgtagc tcttaatctg tgtgtacact gggcagggca tcatctgttg gtttctgaaa 180
ggaggaggg 189

<210> 24661

<211> 302

<212> DNA

<213> Homo sapiens

<400> 24661
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 cctaacaaaag aaaagtccag gactgaatga cttcactgcc aaattctacc aaactatcaa 180
 agaagaacta atactagtgc tcctcaaaact gtcccaaaaa catgaggagg aaggaattct 240
 ccttaactaa ttttgtgggg ccagcactag cctgatacca aaaccagctt aggacacaac 300
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<210> 24662
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 24662
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 acattcatca cctcaccatg cccttgaaaa tgacgctcaa aaatctcatt ttggctctga 180
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<210> 24663
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 <212> DNA
 <213> Homo sapiens

<400> 24663
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 actggaacbt wttttttacc tccaaagata agcagcggtt gaaaaaagtg gagttggaag 180
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<210> 24664
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 24664
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 taaaaggaw aatg 134

<210> 24665
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 24665
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 ggcgtgggtg ctcatgcctg taatcccaac actttgggag gctgaggagg gtggatcacc 120
 tgaggtcagg accagcctgg ccaacatggt gaaccctgtc tctactaaaa atacaaaaat 180
 tagccagg 188

<210> 24666
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<213> Homo sapiens

<400> 24666

taagagtaaa ttgaaatgta gtataagtag ggtacatgag tccttttttt ggctgggtctg	60
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<210> 24667

<211> 354

<212> DNA

<213> Homo sapiens

<400> 24667

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tcctgcctcc aaagcaggtg acacttggtt atttacacag aaatttggtc ggcagttggt	120
tggtaagagg accagagaaa cgcactgggc tggagtctgt gacagagtag agccttgaga	180
gaagtacgtg gggcatggca agcagaaact aaatatgcta tcagaacaag aattttggaa	240
ttagagcaca cagtgggtatt cagcttggcg tccagtaatt agaccattaa ggattggatt	300
gaggctgagg atctagagct ctaaaaatca agtcagaatt tctcttagga gtta	354

<210> 24668

<211> 174

<212> DNA

<213> Homo sapiens

<400> 24668

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accgattatt ctaattgttc cttgttaaatt cattgcaaca gtkgcatggg ggagaatgga	120
tattttttga agaattgctt attccacttt caatttttaa aaatcgaggg ggga	174

<210> 24669

<211> 192

<212> DNA

<213> Homo sapiens

<400> 24669

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ttgcaggcat gcgccaccac acccagccaa ttttgatttt ttagtagaga tggggtttct	120
ccatgttggc caagctggtc tcgaactccc gacctcaggt gatcagcctg kkgtcggggg	180
sssaagtgc tg	192

<210> 24670

<211> 283

<212> DNA

<213> Homo sapiens

<400> 24670

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aactggcaat agtaaagcca tgttacgagc cttaaggaca ttgaagtcgt taaggctcct	120
gagaatggct ataacaaatc ttagtgatgg gaaacatttt tataagacat agctaattgt	180
tgaagctcca ctataattga tactaatagc ttggtgaaat tcctaaatat taacaagaaa	240
ttgcatgcgt gttttgtttt tttaaggac tatggcaagg att	283

<210> 24671

<211> 271
<212> DNA
<213> Homo sapiens

<400> 24671
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tcattctctt ttgaaccctt aaataaagtg atacttgtct gtacctgcat ttggacagct 120
aaatgccacc ccaggaaaca actgtggagc agatttatat cactatgaat ccatgggttat 180
cagcttcaaa tgtagtctca gcccatagt cctactagat ttttctagtc attttaactt 240
ttccctgcaa tgactatttc aaaccaacat a 271

<210> 24672
<211> 231
<212> DNA
<213> Homo sapiens

<400> 24672
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agtgtctatc aaaggatagt ctaggctccc agctgctagc caagccctaa ttcatacttc 180
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<210> 24673
<211> 190
<212> DNA
<213> Homo sapiens

<400> 24673
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atcacaccat tgcactccag cctgggcaaa aagagcaaaa ctctccctaa aaaaaaatg 120
tagawtatct cttaasattt ccgttatggt aaaaaccata tgcaataaat acctcattgt 180
argcstaccc 190

<210> 24674
<211> 349
<212> DNA
<213> Homo sapiens

<400> 24674
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tcagcaatct gtattctctc aagccctcca ggtaattctg atgcatgttc aagtttaaga 120
gcagatggta taaaattatc actctagagt cttagatttt ggtgtgagtg ccaaaaaataa 180
tggtcttagg cataattgat atgtagatct ttctgataat attaaactaac agtttcagct 240
gcttttttaa gttgtttttt gacaagagaa gaatattata agcatgtaag atcatgcttt 300
tattcctatt tggtgtggca ttttaattgat ataaacactg gaccaaaga 349

<210> 24675
<211> 320
<212> DNA
<213> Homo sapiens

<400> 24675
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gaaccagttt ggcgtctggt ttgtctgttg ttttactgct gaccttcaaa tcaactttta 120

aaatagttga attattagac ttttaataaa cttggtctta tatgttcttt tgagggcttt	120
gagtgtttta tgtcactaat tcagcaacct accattactt attatttttg acctggtaga	180
agccacaagg atgagttaac tgtcctttct tctttaagga atttagagta ttgtagagga	240
gatacacaac agtggcaaca attcaagaca gaatagcatg gttttgataa gagcagacaa	300
ggatgcaaaag gaggagat	318

<210> 24681
 <211> 278
 <212> DNA
 <213> Homo sapiens

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ttacatgaa ctattaatag ttaattggta agaagatgta aatgttttcc attggaaagg	120
taatatacag acgcactagg agtcaaacca tgttaaagag catttgtaga aacagctaag	180
tcttccaccc ctatcatcaa ctctgggttc ctttccccac aggcaactgc tattatgcta	240
aattattaca tattctttcca gaaatatttt atacaggc	278

<210> 24682
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24682	
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ttctttttaa ttattaaagt gtcttttata cttttatgaa atcattggta gcccccaag	120
tgtttaataa ctggcattaa gcttagaggg tgaaaaaaaa aaaaa	165

<210> 24683
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 24683	
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ctttcctttt mmgtgcatta agtacacagt tggttttaat tagatcagcc ttggtagtt	120
cacatgtaga gaacattcga gaactctgca atgcattttg aacttgtgcc tattattgaa	180
atatgtacaa tttgcctcc ttcctactgt tccattccaa acttccactt ttgtctcatc	240
ctcatcttag ttttcagtaa taatgaaaca gcttaagctg tattcttcnn naaaataact	300
ttatctcact acaacaacag caggatattt gtaatttaac cctattttga aatcttgatg	360
tttaatatatt gtata	375

<210> 24684
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 24684	
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ttcaatacag cacttggcgg atgtttgtga ggtatgtatg ttaaagatga tggtaattctt	120
tgtaggggaag agaaaggcca gaggactttc acatattcag gaaatgtgct tagacatgca	180
ttatttttct ttgtttgtt tctttttaaag attcacaagc ttttgtgagt gtattacagc	240
ggactggnct aa	252

[illegible]

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<213> Homo sapiens
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<211> 100
<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<210> 24689
<211> 146
<212> DNA
<213> Homo sapiens
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7638

<213> Homo sapiens

<400> 24690

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gtgaagacat attaaatatg agacaccagg acttgaaact tatctcaacc cgtagatgtc	120
ttacaagtct tatatttttg tcttactttt tttttctttt ggatgttgat aaaggtttaa	180
gttactgttt tagatggggc a	201

<210> 24691

<211> 120

<212> DNA

<213> Homo sapiens

<400> 24691

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<210> 24692

<211> 273

<212> DNA

<213> Homo sapiens

<400> 24692

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aaagagacca aattttattga ctcatgtgaca tccctgaaag agaggggggag aaagcaaaca	120
acttgaaaac catattggag gatgtgatgg ttaatatcga gtgtcaactt gatttgattg	180
aaggatgtaa agtattgttc ctgtgtgtgt ctgtgagggt gatgccaaag gagattaata	240
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<210> 24693

<211> 68

<212> DNA

<213> Homo sapiens

<400> 24693

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tcaaaaaa	68

<210> 24694

<211> 155

<212> DNA

<213> Homo sapiens

<400> 24694

aggatcgctg ggaaaagtct tggactgagg agtcctaaaa aggaagctgt ggcgctgcgt	60
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gattgaccca cactagccc cactacccag gccaa	155

<210> 24695

<211> 197

<212> DNA

<213> Homo sapiens

<400> 24695

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 cccgccccct ctccctgcgg cccatgccac aggtttctgt gttttgcttt agggacagaa 120
 ccacttagga aggaaagaac tcccgggtctc caggggtggtta tttcagtgtc tgtgataatg 180
 tcacgcaaca cctcttc 197

<210> 24696
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 24696
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 gahaggaaag ytaggaaatc tgaatcacat ttacatttat taaagtttac tactactgct 120
 ttgtagaaca ttcttgtgtt tcaatgtgtg gttagaagag tgaaaatatg tttggtttat 180
 tgccatggcc tgtagggag agtcaatact cacgggcaga 220

<210> 24697
 <211> 86
 <212> DNA
 <213> Homo sapiens

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 ggctgaagct gttgctgggg gccgca 86

<210> 24698
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 24698
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 ttccttcac caccac 137

<210> 24699
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24699
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 aat 183

<210> 24700
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 24700
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tatggggaaa tgccatgtat tcaccttcca gctccctcag ggttca

166

<210> 24701

<211> 240

<212> DNA

<213> Homo sapiens

<400> 24701

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ttrracaaag	gtatagaatt	gagaagtggg	aggattcagc	gtgtattttg	aagattcatg	180
ctaaaaaaat	tgctggtagg	ttggatgagg	gttatgaggg	gaaagagaag	atgaggtaga	240

<210> 24702

<211> 262

<212> DNA

<213> Homo sapiens

<400> 24702

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aggaagagac	tcctgcatga	gataccagca	tttttataaa	tactttttat	gtacattctt	180
tattttgtca	ttttgtcaac	cctctcccca	agcacatctt	ctttcctttt	acwatgtcta	240
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<210> 24703

<211> 121

<212> DNA

<213> Homo sapiens

<400> 24703

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ttcctaaacc	agttgaactt	agactgcggc	ttatttttgg	agaaaaatga	aatgccctca	120
t						121

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<211> 198

<212> DNA

<213> Homo sapiens

<400> 24704

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atgggccatt	attttctgtc	tctctacata	aggggcctct	ggtactaata	ttcttcacaa	180
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<210> 24705

<211> 92

<212> DNA

<213> Homo sapiens

<400> 24705

gttggtttgt	aattataaat	agtactgcaa	ggaataactc	tgtgcaaatg	tgtttttgta	60
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<210> 24706
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24706
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 tgattaaaaa tcttccagaa ttaatatcc cttttgtcac tttttgaaaa cataataaat 180
 catctgtatc tgtgccg 197

<210> 24707
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 24707
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 ttttttttt 69

<210> 24708
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24708
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<210> 24709
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 <212> DNA
 <213> Homo sapiens

<400> 24709
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 cttgaatdky ttaggatgtg agcaagaagt agtctacttc agtcactatt tgccttccca 180
 ctcaccacag gbkcact 197

<210> 24710
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 24710
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 gatcctgaag agaaccaact tgagtctgac agtccttcca gaacacggca cccacctcca 180

<210> 24711
 <211> 132
 <212> DNA

<213> Homo sapiens

<400> 24711

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tttgaggtat aatgctaaat tacctcccag aaagctgcac cagcctacca gagcactgag	120
ggtaagccac ca	132

<210> 24712

<211> 187

<212> DNA

<213> Homo sapiens

<400> 24712

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tttttgttca ttcaatgaac atgaaatact cccaacagtt taaaattgtt aattgtagag	120
gaggggaggt ttccatggtc ttttcttttt ctatgattcc ttcctctctt atttcaatat	180
gagcccc	187

<210> 24713

<211> 118

<212> DNA

<213> Homo sapiens

<400> 24713

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<210> 24714

<211> 254

<212> DNA

<213> Homo sapiens

<400> 24714

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agagaactgg tggagccttt ctcttactcc caggacttca gcacctaaaga cagctccaaa	120
acaaaccaga acagtcagct ccgggggagc acgactgggc gagaggcaca gaaatggaca	180
ccagaaataa ggcccagctc cttgtgtctcc tgaytcttct magtgtgtctc ttckvacaga	240
cttsggmatg mcct	254

<210> 24715

<211> 360

<212> DNA

<213> Homo sapiens

<400> 24715

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gctttgatcc tcaactggaca tcagaccaga ggcaccgaag gagggaggat gcgagatgac	120
cggccctttg gcaacctgac catcgactta gcagagcctt caaaagcaag chaggggctg	180
gctgcacgac caaagaggcg ccgcgcctct cgtggatgtg tgtgtgtgag tgatccagcg	240
agtgtgtgtg cgtgtgaggg tgtgtgtgtg tatnnstgtg tgcacagcac aactgtgtgc	300
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<210> 24716

<211> 249

<212> DNA
<213> Homo sapiens

<400> 24716
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tcatggctca mwgctgcctc attctcctgg gctcaagcag tcctcctgcc tcagcctcct 120
gagtaattgg gactacaggt gtgtgccacc acacctaatt tctattttgt agagatgggt 180
tttgctatgt agcccargct ggtctcaaac tcctgggctc aaactctcct tccaccttgg 240
cctcccaaa 249

<210> 24717
<211> 187
<212> DNA
<213> Homo sapiens

<400> 24717
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gcatgtatgt tcatactacg gtcctggaga gcaccagga aggctgggtga ggaagcaaga 120
tgacatctct ccaaattgat ttcttaattc agaatagtat caaagctaaa gacaataaac 180
tgagtgt 187

<210> 24718
<211> 355
<212> DNA
<213> Homo sapiens

<400> 24718
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atgagaactg tttactctcc aagtggatca gatcatcaca aaatggaaaa gcacgttggt 120
gacctgaaat aatatgaaca aattttaaga caataaacac tttagtaggc taattagtgg 180
taaaatatgc aacacttttt attagtggc taaatgtcat tttgcttgca aatcaattat 240
tcaactgcta tttgataata tgggttgcttt attttaccta taattcattt gccattargt 300
aatcaccaaa ctcagtgttt ataaaatagc atatcacaaa cgttacccaa attcc 355

<210> 24719
<211> 395
<212> DNA
<213> Homo sapiens

<400> 24719
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ttgtgggttt ctgtgcanha aacctggggc tactctttct tttcgaggaa tttkatctta 180
cattttataa attaagaagt acttgttcat tgttgacagc ctagaaaaca caaggaagca 240
aaagcaaaag caaaaaagtt acttgatatc cccatttta gagatactat tattaacatt 300
ttgggctata gcctttcagc cttttttcwc tatgcacaat ttgwctcrt gtctgcaatt 360
atactataac cttgtdttgt tagctgtttt ttcat 395

<210> 24720
<211> 311
<212> DNA
<213> Homo sapiens

<400> 24720

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 cctgtgacac agtgcattat ctgttcttctg atttctatag cacctctcta ttgggtttat 180
 catcatcaac aagactactg ttactgttag ttcaagtgc tttcctactt ttgtatttcc 240
 aaaaaaatt atcttgtaag tagcttgtca tcaatcccct tgtcgaaaac tagaaaaaaa 300
 ggagttgacc c 311

<210> 24721
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 24721
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 ctaacctgaa gtgtctcctt gtgttgtttt caggaattgg gacactcacc caggacacac 180
 tatgggtgctt cagccaagtg aaaggcacta tcgagattgg aaccacagaa ggtaggagaa 240
 atccccatgc ctttttcctt gcctccttgg gagtttgtgc tgatttcaaa attaaaaact 300
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<210> 24722
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 24722
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 ccaaaaaatat caacttataa aaacaagcct tcgatgagtt cagcatatac tcttttatgt 180
 tggatgacat gatgacacat taggtaacac agaaaaatat tttgatatgt atttagaaac 240
 taaatagaga taaaaaaaaa a 261

<210> 24723
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 24723
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 ttgctctcct ctgccccgag tcaatggcag ctgggagtgg ttaccacttc cttctcttac 180
 cacagttcct tctctaccac agttctgttt tgtatgtcat tcccctagcc caggatgatc 240
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 cctacagcg 309

<210> 24724
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 24724
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 aacaactaar ataatgtgt taagggttct aactgaaaaa aagtagaraa cattcaagac 120
 ctgatgtgta atatraacag agtc 144

<210> 24725
<211> 215
<212> DNA
<213> Homo sapiens

<400> 24725
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cgccgaggcg gcggtacgca aggcctrgagc cgcagcggga rccccgggc ttgtagatga 120
tamctctcaa gctgtaargr agaartcmar gattaaggag amctggactk gagangagcc 180
tttttcaaaa aacaacaatg acaagagaaa atgta 215

<210> 24726
<211> 306
<212> DNA
<213> Homo sapiens

<400> 24726
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ttggtaacgg aaaggaaagg atgtgtcttc caattgagaa acagtgggta aaaactgaaa 120
gtgggcccgg cgcggtgggt cagcctgtga atcccagcac tttgggaggc cgaggcgggc 180
ggagtaactg aggtcaagag ttccagacca cactggccaa catggcgaaa ccccatctct 240
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gagtct 306

<210> 24727
<211> 252
<212> DNA
<213> Homo sapiens

<400> 24727
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ctattctagc agcagggagt gctcaactga cgtgggtttt tcacatatat ttaacatggt 120
ttagctcacc tgacttatat attctaaatt agtgattcta acttaatcag ttttttaaaa 180
ataggctatc attatagaaa tatccacttt gaaaataggc acaaggtatt cagtttctct 240
ttatgcacag ga 252

<210> 24728
<211> 313
<212> DNA
<213> Homo sapiens

<400> 24728
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gaccagtgtt aaatgtgagt ggaaggagt ctggaattgg aaaaccatca tttttcaacc 120
atcacagtaa atatggctca ggcaagaatt atcaatcaat gctaaagcta gggggaaatt 180
tcgcttagga gcaggatatt aggtatttag tctgggctta agtatctcc tcacagattg 240
ttgttagttt ctgggggaaag aatagtaacc atgcaatgga aaaaaatgga caacctcttg 300
actaggttat caa 313

<210> 24729
<211> 280
<212> DNA
<213> Homo sapiens

<400> 24729

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ctatcctagg	gtaaaagttt	ttttccttca	gcactttaaa	tatgtcatgc	cactctcttc	180
tggcctgtaa	ggtttttact	gaaaagtctc	ctaccaaaaca	tattagagag	caccattgta	240
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<210> 24730

<211> 327

<212> DNA

<213> Homo sapiens

<400> 24730

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gtavtakatt	ttcwaccatc	tagaggtgga	ataatattta	ggacacagga	gttagttggg	120
agattaataa	atactttatg	aatacaacaa	tacttcaaac	attaggcctt	ctagagttaa	180
tctaagatat	ttggggccat	acctaggcat	tgctatgggtg	gtttgttgct	agcctgttca	240
cttagtcatt	aaaacaattt	acctttttca	tccttggtat	acattatttt	ctgaatttct	300
gctttaatag	ttaacagtag	gccccag				327

<210> 24731

<211> 146

<212> DNA

<213> Homo sapiens

<400> 24731

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gggttggtc	ttctcaagga	gtatttttgt	gggtgtctct	gtatttcctg	aatttaaattg	120
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<210> 24732

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24732

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tcagggttag	attttagaaa	acaagaagag	ctgagacctg	gctacttggt	cagatcttaa	120
accagagatg	tttcagccag	aatgggtgatt	tgtgaatatc	cgaagcagct	tccaagattc	180
taaaaccagc	aatgcttttt	gatgagtcct	ctcatctcca	ccaagaccac	aca	233

<210> 24733

<211> 109

<212> DNA

<213> Homo sapiens

<400> 24733

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ttktaadttt	ttgatttkdc	aactttttatt	ttggaataag	agggtatat		109

<210> 24734

<211> 306

<212> DNA

<213> Homo sapiens

<400> 24734

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ttggtaacgg	aaaggaaagg	atgtgtcttc	caattgagaa	acagtgggta	aaaactgaaa	120
gtgggccggg	cgcggtgggt	cacgcctgta	atcccagcac	tttgggaggc	cgaggcgggc	180
ggagtaactg	aggtcaagag	ttccagacca	cactggccaa	catggcgaaa	ccccatctct	240
actaaaaata	caaaatttag	ccgggcgtgg	tggcgcacgg	ctgtanttcc	aggtacgcgg	300
gagtct						306

<210> 24735

<211> 177

<212> DNA

<213> Homo sapiens

<400> 24735

aggtgcaaaa	rttggctggg	tgtggtggca	ggcatctgtg	gtcctggctg	ctcaggaggc	60
tgaggcagga	gaatcccttg	agcccaggag	gcggagggtg	cagtgggccg	ggatcgacc	120
actgcactcc	agtctgsrtg	ataaaacgag	attccgtctc	aaaaaaaaaa	aaaaaaa	177

<210> 24736

<211> 122

<212> DNA

<213> Homo sapiens

<400> 24736

aaaggaagaa	attaaagagc	ctgaaaatat	taatgcagct	cttcaagaaa	cagaagctcc	60
ttatatatct	attgcatgtg	atttaattaa	agaaacaaag	ctttctgctg	aaccggcccc	120
gg						122

<210> 24737

<211> 359

<212> DNA

<213> Homo sapiens

<400> 24737

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tagtcttgga	actagtgtta	agtatctggc	agagaacagt	taatcctaag	gtcttgacaa	120
aacagaagaa	aaacaagcct	cctcgtccta	gtcttttcta	gcaaagggat	aaaacttaga	180
tggcagcttg	tactgtcaga	atcccgtgta	tccatttggt	cttctgttgg	agagatgaga	240
catttgaccc	ttagctccag	ttttcttctg	atgtttccat	cttccagaat	ccctcaaaaa	300
acattgtttg	ccaaatcctg	gtggcaaata	cttgcaactca	gtatttcaca	cagctgcac	359

<210> 24738

<211> 239

<212> DNA

<213> Homo sapiens

<400> 24738

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aaattagccg	ggcgtgatgg	cgggcgccctg	tgggtcccagc	tacttgggag	gctgaggcag	120
gagaatggcg	tgasctggga	ggcagaggtt	gcagtgaacc	gagatcacac	cactgcactc	180
cagcctgggc	gacagagcga	gactccgtct	caaaaaaaaa	gaaaagaaaa	gagcccttc	239

<210> 24739
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 24739
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 tacagtcacg aattgtcaga ratccaagaa cwdcagatgt cattggaagc aatgctttta 180
 tttctcagag aaggcaacta aagcccagag aggtgaaatg tcttaccxaa agccacatag 240
 caagttgtag tcagaatcag ctctagaact gtttcacccg ggagaaccac ctccatctag 300
 tgtttgcgtg taccctcagt tggatggcat tcttgargct cag 343

<210> 24740
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 24740
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 aaacatggra ttttctgcag tctatttatg gtggagggcc tgaagttatc ctgcgacccc 120
 cggt 124

<210> 24741
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 24741
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 agtagtggca gct 73

<210> 24742
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 24742
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 gaacacgcag ctattatgat tgaaaactta aaagggcaac aatttcagtc ttgcttctag 120
 ggywagacag gaacttgga aacatctgtg gcctgttcag caaaggatgt taatatttaa 180
 gaatcttgtc ttgggctggg tgtggaggca agtggatcac aggaggtcag gagtttgaga 240
 ccaacctggc caacatgatg aaaccccatc tctacaaaa aaaatacaaa aatcagctgg 300
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<210> 24743
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 24743
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 gaagtaattg ggactacag tgtgtgccac cacacctaatt ttctattttg tagagatggg 180

ttttgctatg tagcccaggc tgggtctcaaa ctcttgggct caaactctcc ttccaccttg 240
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ttatttcatt gagtaagtaa gcttttagtgc atatactatg caaaggtcac tgtttagcac 360
tgtagcgag aatacata 378

<210> 24744
<211> 130
<212> DNA
<213> Homo sapiens

<400> 24744
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ccggtttcaa ccggttccga gtttgaggca ctaggaggag ggggagaagc ggctgcagcg 120
gccgcggcar 130

<210> 24745
<211> 336
<212> DNA
<213> Homo sapiens

<400> 24745
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tgaaggaccc agcttaggtt ctccactta ggctcaatt cccttccttt tccaggggma 120
gccttagttt cccatggccc tgaaacacac acatttcccc ctccctttcc cagaagccac 180
tgcccccca tagcascag tgcctccttt ttacaagtgg aagaactagg atggctttcc 240
aaagtcttct agaaatgaag ttctttctct gtgcagcttt ccccttgga gcaggagtga 300
agatgtttca ttatcttggg cctgggaaac cacttc 336

<210> 24746
<211> 174
<212> DNA
<213> Homo sapiens

<400> 24746
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ataggggtgc gccttggccg cgccatacc cgcggcacgs ccaagtcctt cagcggcagg 120
gccgagccgc tgcgcaccar cgccttgagc aactgcccc ccacctccac gctc 174

<210> 24747
<211> 121
<212> DNA
<213> Homo sapiens

<400> 24747
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ctgggggggc gttttgtgcc acctgctctg gaaaagaagt accagctgaa cctgccaccc 120
g 121

<210> 24748
<211> 357
<212> DNA
<213> Homo sapiens

<400> 24748

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ggagttcaag	accagcctgg	gcaacatggc	aaaactctgt	ctactaaaaa	tacaaaaaat	180
tagctaggcg	tggtggcacg	cacctgtaga	cccagctact	tgggaggctg	aggtgggaga	240
atcgccctgag	cctggggaggt	tgaggctgca	gtgagcccag	atcacaccac	tgactccag	300
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<210> 24749
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 24749						
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atttgtttca	gattatgcca	gatactcttg	gtcctgctta	ccttggtaat	tgagggtaga	120
attaagaaag	ttttaggatt	aggaatcatt	cttctaattc	agagagtaat	tagttggaat	180
cacaaaagca	ttaggtgctg	aactgccaga	ga			212

<210> 24750
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24750						
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acagtgacat	atgcctgtaa	tcctaaaact	ttgggaggct	gaagtgggag	gattgcttaa	120
ggccagtagt	tggagaccaa	cctgggcaac	atagccagac	actgtcccta	tagaaaaaaa	180
aattagccag	gtgtggtggc	atgctcctgt	agtcccagg	actcgggagg	tggacacaga	240
aggatcactt	gaggccat					258

<210> 24751
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 24751						
acgcgaacgc	ctaagtgacc	agaacgactg	gtgtgaagcc	gtgatctgac	tctgtggagc	60
ctgggactgg	tttcagcgag	agcctctgta	ctgctctgta	gtctctgcta	ggacatggac	120
gaaaagggac	gcagccggga	gagcgactgc	cccagggtggg	ggctgggggg	ga	172

<210> 24752
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24752						
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ccagttttgc	tgaactctga	ggttctgtat	gtccaaatac	acttgactct	tgaaccaagt	120
tgggggttag	gggcactaat	tctctgtgta	gcagaaaatc	cacaagtaac	ttttga	176

<210> 24753
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 24753

agtgaacact	aacagtttga	cttcctcttt	actggtttgg	atacccttca	tttctttctc	60
ttgtctgatg	gctgtggcta	ggacttccag	tactatgttg	aatacaagtg	ataagagtgg	120
gcattcttgt	cttattgcag	ttctcagggg	gaatgcttta	aacttttccc	tgttcagtgt	180
aatgttggct	gtgggtttgt	catagatggc	ttttattaca	ttgaagtatg	tctcttgtat	240
accgattttg	ttgagggctt	taatcataaa	gggatgtggg	atgttgatgaa	atgcttctgc	300
atctcctatg	atttttgttt	ttaattctgt	ttctgtgata	tatcacattt	gttgacttgc	360
atatgttaag	ccatccctgc	attcctagta	tgaaaccac	ttgatcacat	catggcaaat	420
ttcaagctac	caacatgagg	gcacga				446

<210> 24754

<211> 108

<212> DNA

<213> Homo sapiens

<400> 24754

cttttaagtc	ttttgcctgt	ttttcaaagg	gttggtttgtt	ttcttattct	gtgggattgt	60
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<210> 24755

<211> 321

<212> DNA

<213> Homo sapiens

<400> 24755

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tagaggtagt	tttcttgacc	caatactggg	gattagagaa	gagaggtatc	ttggtttttg	180
gtttttttct	ttgatcatta	tgaacattgg	cttttcaccc	ctgaagtgaa	aatgttgaaa	240
actgagtctt	cagggtgaacg	aaccactctc	agaagtgcct	ctcctcacag	gaatgcatat	300
cgaactgagt	ttcaggcacc	g				321

<210> 24756

<211> 390

<212> DNA

<213> Homo sapiens

<400> 24756

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aaaaaaataa	catttattgg	cattgccagg	cacaagccta	ggtgtcaaag	agacagaaat	120
aaaacagagt	ccagacttta	agaagactct	aataaggagg	acaacaggta	attacaataa	180
aatgtgccct	aacataaaaa	cacagcatat	tgtggaaaca	tttgttgagg	gtgaatatta	240
aatttagcct	gcagaggtga	aggaaagtctt	ccaggaggag	cttagaagga	gttcagaatt	300
tggttgagctt	catgaatgca	gaaaaattga	ggcctcattc	ccctctgcat	ccacactacc	360
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<210> 24757

<211> 201

<212> DNA

<213> Homo sapiens

<400> 24757

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taaattttta ttgcaaattt acttaccaca gacataattt ctgagtcaag tctttcaact 120
 tttcttattc caactacaca aagaaattag tggaactgta gaaaatttac aaaatagagg 180
 aaaatatata aatgggtaaa c 201

<210> 24758
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 24758
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 tggaggaata tctattcaag tcttttgccc actttaaaat cagattttgt tgttggtgag 120
 ttgtargrgt tctttacata ttgtgatat taaccctta 160

<210> 24759
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 24759
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 ttaaatttat tcataggtac aaacagttgt taattccac agttttactt aatgattttt 120
 taactttatg atagggttta ctggaggata t 151

<210> 24760
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 24760
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 ttcaccgtgt ttatgatgat gtttaataaat ctaatgtgca aaaataccgt tttaggaaca 120
 caattggaga taattttttt ttgtatttga gacggagttt ccccttgtt acccaggctg 180
 gagtgcagt gcgctatctc ggctcaccgc aacctccgcc tcccaggttc aagcgattct 240
 cctgcttctg cctcccaggt agttgggact acaggcatgc gccaccacgc ccggg 295

<210> 24761
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 24761
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 ctctgacgt ggtgdtccac ctgcctcggc ctcccaaagt gctgggatta caggcgtgag 180
 ckaccacgcc tggccgaaaa acccactcga 210

<210> 24762
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 24762
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cttgagagac taacgagaac ggtccctttt tttcctaac agattccttc cgtggtact 119

<210> 24763
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 24763
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 attcagtaca ctggacttcc tgattctcct tttctactaa cactacccca 110

<210> 24764
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 24764
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 ggagaaaaaa gttgtggaga gtagctttta aggagtcatt tgggtggccat ggatccaacg 120
 tgctcttctg agtgcattta taacctcata ccagtgact tgaaggagcc tccccagcct 180
 cctaggtaca tatccatttt taaggcaaca g 211

<210> 24765
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 24765
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 agagacaggg atgtcacttt attgcccagg ctgggtgtga tctcctagct tccagcaatc 120
 cttgtgcttt ggctmccaaa gtgctgggat tacaggcatg agccaccata ccgagcccct 180
 agtgaatttt aagtaagatt tgtgtagtgc tgt 213

<210> 24766
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 24766
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 tgagcccsat tatcccatcc cctctgtctg gacggtagag cagtctgaat gttcctcact 180
 aggaatccac ggcaagacag ttattcattc attcaacaaa tatttattga atgcccgctg 240
 tgggttagtc accggagcgg caacagtgag taaataggac tatctctgwm cccaagaatc 300
 ttacaacaca gtctctccct ccagcatctg gttttgtagc ctggatgtgt ctgctagtag 360
 ccgaat 366

<210> 24767
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24767
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gagataaggg agaggggaaga ggccatgccc agtttctgat gtggcctggg cgtgaatgca 120
 aaaattgggg tcttctgtgc ttgcaagtg agtgcaccac cgatc 165

<210> 24768
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24768
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 cagttgcctt tagtttcctt taaagatgta aaaatattgt ataatacagt ttgtcccta 120
 cacaattgta ttgccaagc ttagtgcatt atgatacctt tatttatttg ttttgggcag 180
 tgt 183

<210> 24769
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 24769
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 cgggcaactc ccaccgagtc gctgccgtga atcaggttcc tgcgcggaag aggcgcgtgt 180
 gagcgtggga aagagacctc cggcacgctt cagcgccacc aacttgaagc cttcctctc 240
 gaagcgccgc acaatctcgc ccaccagccg ccgctgcacg ccgtccggct tcacggcc 298

<210> 24770
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 24770
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 tacaggcctc atcattcaca gtcacctcaa gttggaacac ctacagcaga gcctcaaaga 180
 aacttttata cagcagcaca gaaccttcca gccaatatc agcaggcaac ttctggaaca 240
 ttatttacac agacaccctc aggacaatct tcagcaacat acagtcagtt taaccaacaa 300
 agtctgaaca gcacggcacc accccact 328

<210> 24771
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 24771
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 tgattaaaat agtgtttact tttagagaca gttttgttct ttacacttgc caaaatcttt 120
 ctttgttcaa atttctttta aaaatctgtt aacaggaggt taagtgtgaa tatttcatct 180
 tgttctgtga cagtaacta gtcattcata gtagagagca gaaaataaaa atatttccag 240
 aa 242

<210> 24772
 <211> 203
 <212> DNA

<213> Homo sapiens

<400> 24772

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taaaatcttt	tgtcaatttg	taatttataa	aaacatattt	ttacaatggg	tcaaaggagt	120
tctttatatt	ttctggatac	cagtcttacg	tgagatatgt	tttgtgagta	ttttttccaa	180
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<210> 24773

<211> 250

<212> DNA

<213> Homo sapiens

<400> 24773

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ggattcccc	ggcaaacacc	attctacttt	ccgtctctac	gaatttgact	actcgaagta	180
cskcatgtga	aatggttggt	ccaaatgaac	ttttctgggt	cttctgaata	tgccactgtt	240
gctggagaaa						250

<210> 24774

<211> 313

<212> DNA

<213> Homo sapiens

<400> 24774

caaatgaact	caagtaatgc	aacataatac	atttaatgaa	caaatcaaag	cagtctgccg	60
gctgaactca	gttagctgct	ctgaaagtga	cggagttaaa	tccatcacgc	cttttacaac	120
tgtcttagtt	aaaaataacc	tagaaatata	tttccaagct	ctggctatca	gcctttatca	180
gcttctacac	tggtgagtta	aatgtggcaa	gagacatcca	ctttgcccc	agtgtattaa	240
tgcaggacac	agtctgaaaa	tgcttgagct	tgchtgatat	ttttacaaat	gtttakgytt	300
taaagcccaa	tca					313

<210> 24775

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24775

cttttaggcc	cattgggatg	ttcattagaa	ctctgaaaac	tacagttctc	ccctttatga	60
ggactgcacc	acagctcgcc	ctctctctgg	ttccgcctrr	ttgcagagtg	agcccatggg	120
acagccctct	gaaattatac	tgcttacaac	cgca			154

<210> 24776

<211> 224

<212> DNA

<213> Homo sapiens

<400> 24776

attttgagc	agcaattttt	attttaaata	aaattccamt	tttaagaaat	tcagggaaga	60
tttrgtcaca	ttgaagatac	agtatttttg	tagtatattat	aaactgwtct	aatgataga	120
ctatagaaaa	cattttttgtc	atatgaaggt	aaatcagtc	attatttttg	atcattttaa	180
ctgaacatta	caccttcttg	gctttgattt	atgaagtggc	acag		224

<210> 24777

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24777

aagaataagt atgtcatagc ctcttgaaac tacattagta atgattgttg ttttaagatgc	60
tggagatgta gtggcaggag tagtccaagt atcttacagg agcaaagagg caggggacct	120
aacccttcag gtggtgaaag atgaagagta atgtcaggaa tgacttccta gcagcagaga	180
cacttgagct atgccaacag tgacgaggag ataaccaggt gaggtgtgag aggatgcaga	240
agtgaggagc gcccgagacag agagggg	267

<210> 24778

<211> 87

<212> DNA

<213> Homo sapiens

<400> 24778

caaaagcttt ttattgcttt tagatagact cggaaaaggc taagatgtcc tgggcttccc	60
tgtcaatgtg cttccctgaa gtcagt	87

<210> 24779

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24779

aatcttatat gggrecttacg ataaaatgta ttgatgttag tgattgtcaa aatagggtta	60
tcatttaaaa aactaggrra ttactaagta taaagaagaa aaaccagtat taattaagt	120
atgagacctg ttcattttgt tttccctgac ttatttccat taccaaacat agtaaagtcc	180
agaaaagatt aaaaaaaaaa ttaacacagc cattccattg ttttttacca catggagaaa	240
ggaccaggct ggaagcatat gtccccc	267

<210> 24780

<211> 86

<212> DNA

<213> Homo sapiens

<400> 24780

ccgtgagggg agcrcaagtc ctgtgtaggc ccagagaagg gaaaaagcct tttttgggcr	60
taagagtgar tggtgmgggt tggaga	86

<210> 24781

<211> 100

<212> DNA

<213> Homo sapiens

<400> 24781

tctcacaatt ctgcaggctg gaactccaac atcaagggtg tggcagakgt ggttccttct	60
gtaggcccct ctccttggrt aaccatctct tccctgtgtc	100

<210> 24782

<211> 157

<212> DNA

<213> Homo sapiens

<400> 24782

taatacacaa aacaaaaaga agatacaaaa atgagagctg ggcgtggtgg catgcacctg	60
taatcccatc tacttgaggc tgtggcagga ggaatgcttg agcccaggag ttgagacca	120
gcctgggctg acatagcaac accgtctcaa taaaaaa	157

<210> 24783

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24783

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cttgcttggt ataggtagct tttattccat taatagctga aatttagaaa tagttctctt	120
ctctggctag ggaggtgaag tttctgaagg ctaataagtt tatagtctat tatcttataa	180
ctttactcaa caaatattta tgaggcaatc	210

<210> 24784

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24784

taactgtaac aattaataac ttaatctgga cttcagtttt acttacctat tcccctcact	60
cttcattggt acttccaaat gaagttttat gttttaccac cttatctttt atacacaata	120
aattaaaagt cacacga	137

<210> 24785

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24785

agtatgttat atataacttt atacaatcta aagggatgta atttaggcct gcattatatt	60
tatgtcaaca attatgacaa tttaaataat caaaactaag gcacagtcta ggtttccaaa	120
gtcaacttat gtggaacaaa ccacttcaga agtaaagtt gactacttta ctgcattcag	180
aaagaaagtt gggacact	198

<210> 24786

<211> 443

<212> DNA

<213> Homo sapiens

<400> 24786

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aaatacctgt ttcttgggtg aaaaaagcct tttttttag tagtaaatg taaaagcatt	120
gagctataca tagtgggcac taatgattta ttggacagtg tgataaacag tattttttac	180
aaataaattt catcccagta tccttgaatc ctccctcagg aaaccccag actacctgat	240
aagcagtgat gtgctggagg ccaggataat atgrcaaagg gatctgctga gtccaaaaat	300
aaagcttcat ctatttaarg gatgactagg ctgcawagtt ttcagagrat atttcacamt	360
cgggtctcam ttctctgagc caaacttttc aaatgaagtc ttttgcattt ttcaactttt	420
tttgaaataa tttcaaatct act	443

<210> 24787

<211> 165

<212> DNA

<213> Homo sapiens

<400> 24787

gagcaggggg	gaggagaggg	gctggctctc	agtccccgaa	tcgcgtgggg	tgccctccacc	60
ccctgcgatg	gggggtcccta	gagccagggg	gggaagaggg	gctggctctc	agtctgcgcc	120
tcgcggagga	tgccctcccc	acttgcaatg	tgagtcctaa	gagca		165

<210> 24788

<211> 417

<212> DNA

<213> Homo sapiens

<400> 24788

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gaacaccatt	ttgaatgtgt	atattgagaga	aagctcgctt	gtgggttttg	agttgtgggtg	120
taatggtgaa	catgtagcca	cgtgaaaggg	cgttgatctt	ttgttctgat	tcttcagtcg	180
tcttcttgca	aattcagaga	aatgtctttt	aatcatttcg	tttacatata	ccagatcctt	240
ggaaatcatg	aaaaataact	tgccagagtt	tgcatcagcc	ctcagtaagt	catgaaccat	300
agagaaggtc	atggggccat	ttattctttg	gaccactggc	tacttctgaa	gttctggctt	360
ccttctctct	aggaggagtc	gtgtattcag	gcttttaagt	taaatgcata	aaaattc	417

<210> 24789

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24789

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ttgaactgat	gtttgtaagt	tacttagtaa	taaatcattg	agctatgtta	tgtatctctc	120
atatgtatga	agatagaaat	ttacacccca	cgac			154

<210> 24790

<211> 122

<212> DNA

<213> Homo sapiens

<400> 24790

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gaaatacatt	aatgggtggg	aaataaagat	gtaaaagaag	gcaatgcgat	cgatgggtggc	120
aa						122

<210> 24791

<211> 213

<212> DNA

<213> Homo sapiens

<400> 24791

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aggaagaacg	tctgagaaat	aaaattcagag	ctgatcatga	gaaggccttg	gaagaagcaa	120
aagaaaaatt	aagaaagtca	agagaggaaa	ttcgagcaga	aattcagaca	gagaaaaata	180
aggtagtcca	agaaatgaag	ataaaagaga	acc			213

<210> 24792
<211> 345
<212> DNA
<213> Homo sapiens

<400> 24792
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catttgacgg atgtttgcat ttacagatgt tgtcttttgt cagtaatggt gctaaaaaca 180
ttcatgtaca acattttatg tgggcatgtt ttcatttttc ttgagtatac attaaggagt 240
ataattgctt tgtcatggca tgtctagggt taatgttgtg ggtaattaac aaattttaat 300
aagggtgcctg caccatttta catttttcac tgcaatatga ggaaa 345

<210> 24793
<211> 305
<212> DNA
<213> Homo sapiens

<400> 24793
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gatgaaagct tgaggaactt tagaaggaga gaaacatcca gaccacccgg tttttggttt 180
ctaaatgaca tgaagagaat acaatgttaa taattcagct tagagaacta tcaacacagg 240
acaatgcaag cccatgagct gttccgggtat tttcgaatgc yagagctggt tgacttccga 300
cagcg 305

<210> 24794
<211> 138
<212> DNA
<213> Homo sapiens

<400> 24794
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acacagatca ggtgacaatg cattcagctg caggggtaat cattcacatt cacacgcatg 120
ggactatgct aggcacaaa 138

<210> 24795
<211> 321
<212> DNA
<213> Homo sapiens

<400> 24795
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ctgagccagg agaaggaatt tcacaaggta acgtcatcag ttaaggcaag aaccagccat 120
tttactttct tttgtaattc ttcacttgct tcaggccatc tggatgtata tgtgcaggct 180
tgggctcaga ggctgacaa taataaaaaac tgacacttgc aaatggatga gaagtctagc 240
taaaattttt tcaataactg tttgattatg tttamttaca attcaaact aatgttgtca 300
tcctttaata ttcagctact a 321

<210> 24796
<211> 313
<212> DNA
<213> Homo sapiens

<400> 24796

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gtattagaat	atnnntcaag	agatggcaat	atagaaataa	cagtaggata	tgacatgaag	120
aatcaaattg	aacagttagg	caagaaatat	aatattaatc	ctgttagcat	ggacatttgt	180
aaacaagaag	agaagctggg	cttcttgggtg	gcaaaacagg	atcttgtcat	cagcttggtg	240
ccttatgtat	tgcaccctcw	bwgtggccaa	ggcctgcata	acaaacaaag	ttaacatggt	300
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<210> 24797

<211> 128

<212> DNA

<213> Homo sapiens

<400> 24797

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<210> 24798

<211> 392

<212> DNA

<213> Homo sapiens

<400> 24798

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caccatccac	gtgcccaaca	ttgccacagg	agagcagctg	ttggaagctt	tggagctttt	180
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ctggatagga	atcaagaagt	tactaatgct	gatcgagatg	tccctacaga	tggatcctga	300
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<210> 24799

<211> 288

<212> DNA

<213> Homo sapiens

<400> 24799

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ttcaagttac	tgtctagtgc	cctttcattt	cagcttagag	aacttcctta	actctcttta	180
ccatatcttg	taggacatgt	atactagtga	caatctctct	caactttcgt	ttatctaaga	240
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<210> 24800

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24800

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ggatatcagt	ctacttataa	tcttgcccc				150

<210> 24801
<211> 421
<212> DNA
<213> Homo sapiens

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aatatttgta caggggtgtgc atgtatggc taaagaatta attgttatta acacagcatt 180
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a 421

<210> 24802
<211> 188
<212> DNA
<213> Homo sapiens

<400> 24802
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ggcccgag 188

<210> 24803
<211> 133
<212> DNA
<213> Homo sapiens

<400> 24803
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aaaatgccaa gca 133

<210> 24804
<211> 177
<212> DNA
<213> Homo sapiens

<400> 24804
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<210> 24805
<211> 191
<212> DNA
<213> Homo sapiens

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aattggmaaa gsmaagmata ttttgatagc ctttttagmt aattgtsmat attctttgat 180
agtgcgccaa a 191

<210> 24806
<211> 166
<212> DNA
<213> Homo sapiens

<400> 24806
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gggcctttat gcctgcaaaa ctgggacttt tgagtttgag aaacga 166

<210> 24807
<211> 201
<212> DNA
<213> Homo sapiens

<400> 24807
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gagatgttga ggtcttgctc tactgcccag gctggtctct aactcttggc ctcaagtgat 180
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<210> 24808
<211> 121
<212> DNA
<213> Homo sapiens

<400> 24808
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c 121

<210> 24809
<211> 150
<212> DNA
<213> Homo sapiens

<400> 24809
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ggatatcagt ctacttataa tcttgcccc 150

<210> 24810
<211> 298
<212> DNA
<213> Homo sapiens

<400> 24810
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tcatttggtg gaggagccgg aaagtaagtc tttctcactc aaagtcagct gtgaacataa 240
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<210> 24811
<211> 230
<212> DNA
<213> Homo sapiens

<400> 24811
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ttcaagaagc ttaaaatccc ttgaccctga aaacagtga actgagttag aaaggatttt 180
gcgtcgcaga aaggtgacag cagaagcaga tagcagtagt aagccggtca 230

<210> 24812
<211> 292
<212> DNA
<213> Homo sapiens

<400> 24812
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agagagccag aataaatata aatggagttc cccaaatgta agccaagga tagtggtgat 180
gtttatgtaa cactgaatat acttaatgcc acttattgaa tactttaaaa cagtaaattt 240
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<210> 24813
<211> 176
<212> DNA
<213> Homo sapiens

<400> 24813
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<210> 24814
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24814
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aggacgcccc cgaagagkwg gtagmatggc cctgcccac cctccctgct gcctgccaca 180
gacaagcccc cca 193

<210> 24815
<211> 238
<212> DNA
<213> Homo sapiens

<400> 24815
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ggcgaggtgg tgactgggct ccctgatgac ctcttgctgt ggagcaaaac tgaataagca 180
aaaacttact caagctcctg aggcccatc atcatcccta ttgatagatt tgaggtga 238

<210> 24816
<211> 90
<212> DNA
<213> Homo sapiens

<400> 24816
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atgtcagaan aacacacaca cacacacaca 90

<210> 24817
<211> 104
<212> DNA
<213> Homo sapiens

<400> 24817
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acattgttcc cagtaggtaa tttttgatcg ttacctccct ccct 104

<210> 24818
<211> 51
<212> DNA
<213> Homo sapiens

<400> 24818
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<210> 24819
<211> 236
<212> DNA
<213> Homo sapiens

<400> 24819
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cgcctggcct taagagttcc tgtttctcca cctcctctcc agcatctgtt gtttcctgac 120
tttttaatga tcgccattct gactgggtgt agatggatc tcattgtggt tttgatttgc 180
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<210> 24820
<211> 109
<212> DNA
<213> Homo sapiens

<400> 24820
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agagagggtt agcgtgcagg gtgtggaaat ggaataaaag catatgcaa 109

<210> 24821
<211> 167
<212> DNA
<213> Homo sapiens

<400> 24821
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tagactaata aagaagagaa cagagaagaa tcaaatagat gcaatagaaa atgataaagg 120
ggatatcacc actgatccca cagaaataca aattaccttc agggagc 167

<210> 24822
<211> 229
<212> DNA
<213> Homo sapiens

<400> 24822
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aaacctctcc tgtcattcct agcttccttg cttcagaatt gaaatggaag tgggggtgtc 180
cctactctgt agaatctggg actgggcaaa tgtttgtgtg gcctccttt 229

<210> 24823
<211> 349
<212> DNA
<213> Homo sapiens

<400> 24823
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ctgctgcctt tagtcgctga ggaaaaataa agacaaatgc tgcgcctt 349

<210> 24824
<211> 307
<212> DNA
<213> Homo sapiens

<400> 24824
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gatatccccc gagaatggct tgggttacca gctatggamc ccttggaag atgaatctaa 120
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ctctattttc catgtttctca gggcccttg gtagacagac acagcttgat ttcagagcag 240
acataggcga agaaaacatg gcattgagtg tgctgagtcc agacaaatgt tatttatata 300
cacatcc 307

<210> 24825
<211> 117
<212> DNA
<213> Homo sapiens

<400> 24825
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ttggggaggg ggcggaggcc cggcgtgaca agcggccag ractcccgtg gacgsct 117

<210> 24826
<211> 235

<212> DNA

<213> Homo sapiens

<400> 24826

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ccttaagaaa gctatatatg aataattatg kktacctcmc tggkgcattt acaatggact	120
tttgttcatg ggagarcctc gttgacatgc acagtttgca atcttatgtt gatcgatgtt	180
aaacgtcaca gcagtacttg ctcaataaag gtcataattg aaacatagtc aaaaa	235

<210> 24827

<211> 315

<212> DNA

<213> Homo sapiens

<400> 24827

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ggccgcataa atcattttcta aattcactcc tagccatakt atatgagttc aaaatctttt	120
ctamctagtc tagactctag agagttttcg agaagatttt tcctcatgga gatataatgg	180
gagaaaatga gttccatctt ccagataaac tagtgtgtta tctgccttag ctcgtcagat	240
acatgagaaa tcagaccaca cactaataaa aacctaattt aaaagtgtat ctactaagtg	300
tgtatgvtaa gtttt	315

<210> 24828

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24828

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aagtactaaa tgtctggcat tttaaacttt tgtagaatac ataattgtgr aacttggaat	120
aatactattk attttcacct gtgaaaaatg acttcattgt acttgaaaca cctcctttgc	180
atttctccat ttgtgccatt cactagtggg aataaattgt attataccat gatctactgg	240
ctttttaaaa ctgtattaaa tatgcac	267

<210> 24829

<211> 349

<212> DNA

<213> Homo sapiens

<400> 24829

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agtaaatata acatgctaatt tlymsaatta atgaaactaa acttttaaac atctccatta	180
tatctacatc cttttgaagg tatattatcat agttgccaat tttaatttta ggattgactt	240
tctctttctg aatgacttca taaagtgttg tgtgaatttt gaagacttgg gttactaatg	300
attgtatctt tgctagtsra caacttatga aatatactca atgcgtcaa	349

<210> 24830

<211> 168

<212> DNA

<213> Homo sapiens

<400> 24830

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tataatattt ataccaagtg tgtgaatatt ttatatataa aaaatgtgct ttaaggtggc 120
 ttacactata cttagcatgt gttaacatgg tcttgggtaa tcgccagg 168

<210> 24831
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 24831
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 aatagctttc aacattttga aattgactta agagaatggt ggctgtgtat gtctgtatct 120
 tgcatttcta ttggctttgt gaacca 146

<210> 24832
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 24832
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 ctgccttggc ctct 134

<210> 24833
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 24833
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 agaaaaaaaa aaaaaaaaaa aaaaaa 86

<210> 24834
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 24834
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 tagtagtact gtgaagttcg tgcttacca 209

<210> 24835
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 24835
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 ttgcaaataa tcagaatctg aaagcatcta agctccgccc cccctcaggc tctttcaaac 120
 aaaaacaaac aaacagcccc caactagagc ctcaaagctt ccaggccaag acaagcatcc 180
 caaggccac 189

<210> 24836

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24836

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aggcgwataat hwwcatgctt aaacatattg actgaaaaat gagatttttt wcctttacat    120
cttgattaat acttagtatt krctatcttd taggtctaata cgttatatga hagtagccat    180
tctgaacagg taaaggdwaa aaatatcdgg caataattga ttcaagatcg attaatacaac    240
aggtagtt                                     248
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<210> 24837

<211> 241

<212> DNA

<213> Homo sapiens

<400> 24837

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agtaccggct ggataagaag atgcataagg aaggcataaa aagggaactg atagaacttt    180
aactttttga aggaaaaaacg aagacatggt gagtagtcat gggagaaatt tgtaggccac    240
a                                             241
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<210> 24838

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24838

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atgtatcaca cttggcaagg cacttgatac ataccagata accacatatt tgggtaaatg    120
cgtttggtgt ttgaatagat gtagatttat gtcattaata tttatatagt gttcatatga    180
gtttttcgtc tgtggtatac ctgttaatga aagtatacac ttactgttga tttaaaatcc    240
caaatctatg acccag                                     256
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<210> 24839

<211> 367

<212> DNA

<213> Homo sapiens

<400> 24839

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gattttttct gcttaattat atctcttact taattttttc tgctaaattg tataactcag    120
atttttatgt agtaagtgtc aagtaagttt gtgttgagtc tgtggtgtca atagcattga    180
cagccttgag cttataggaa tcagaaaggt actgtggtgg tgaaagagac caaattgtct    240
attgacaaga ccatcttcca ccagatgcat ataatatctg caccagaagg aaggggaacc    300
aaattttatg ttttaactg acagcagtgt agtatccaag atgccaaatt gggtaaaaga    360
cagaacc                                     367
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<210> 24840

<211> 63

<212> DNA

<213> Homo sapiens

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tta 63

<210> 24841
<211> 99
<212> DNA
<213> Homo sapiens

<400> 24841
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aaaattttcca tttaaattta gtctattaaa aacaaacct 99

<210> 24842
<211> 141
<212> DNA
<213> Homo sapiens

<400> 24842
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tgtggtattt attacctttt aaatgaactg taaatttgcc ttagaaattt gtttaaaagg 120
ctarcmaagt gagacccttt g 141

<210> 24843
<211> 278
<212> DNA
<213> Homo sapiens

<400> 24843
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attaagggaa tttttagtta aacagggtgc cctcacatac attttatgat cttatattag 120
ataccttttg atgtctgtat ttttwagtag gcagatgaaa gtgttttttag ttaggattat 180
agggattgct ttagtaaaat aatatttcct cagagaatct gtcttactcc aacaaatact 240
aactctaaag actgttttct gtgtttttta gtcggcta 278

<210> 24844
<211> 152
<212> DNA
<213> Homo sapiens

<400> 24844
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gcccttgaat ggggatttat tactgttgta tctatgttgc atgataaaca ttcacacct 120
tcctcctgta gtctgcctc gtactcccca ag 152

<210> 24845
<211> 382
<212> DNA
<213> Homo sapiens

<400> 24845
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acctacccaa agttatcgat attcttacta aactctgagg cctgaagttc tgtgatagac	180
cttaaataag tgtcctaagt cagtgggtcc caaatctggc tggtcgggaa tacctgggaa	240
gtttgttaaa attttttaaa aatgttttaa gatTTTTTggg tcctgagcca ggcgtggtgg	300
ctcacacctg taatcccagc actttgggag gctgaggcag gtggatcgcc tgaggtcagg	360
agttcaagat caacctggcg cc	382

<210> 24846
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 24846	
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ccctgggaag tcatagtggg gacagt	146

<210> 24847
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 24847	
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aacagataga cagctaccta aagcctgaaa gactgacagc aacacagaaa aaaagaaaca	120
ggcagtc	127

<210> 24848
 <211> 363
 <212> DNA
 <213> Homo sapiens

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 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 24851
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THE FIVE RINGS

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<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <211> 123
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<211> 358
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<211> 140
<212> DNA
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09-03-2016

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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<212> DNA
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gtcagaatct gagcacctgt gtgaggcagg attttcttgg aatattgatg tgttctttaa 180
cacaaatttg taaagtttat aaaagcctca tggaaatctt accttacaat caaactaatt 240
aaaatttggg agatttgctt ataagattct attaaagctt tagaattaac aatacagtra 300
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<210> 24891

<211> 243
<212> DNA
<213> Homo sapiens

<400> 24891
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gataccaata actagtgcct cgtactacgc gacagtgacc ctggatcagg ttcggaatat 120
acttcgttct gacacagacg ttcccatgcc tttagtagaa gagaggcatc ggattctcaa 180
tgaaaccggg aaaattctgc tggagaagtt tggaggctct tttctcaact gcgtccgaga 240
agt 243

<210> 24892
<211> 137
<212> DNA
<213> Homo sapiens

<400> 24892
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gggtgaaaaag attgatcatc agatgtttct tatgtatcaa cctgatattt aaatccatga 120
aggacagaga cgacttt 137

<210> 24893
<211> 264
<212> DNA
<213> Homo sapiens

<400> 24893
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catatattct ttaaacttct aaccatttcc ccaaacttgg ctcattaaac tgatatacat 120
tggtttactg ttatactcc tgccttattt tttgcatatt ataaatataa tacagggtgtt 180
tctcagcaag aaagacaatt gaataccaat gttctgaaat attcttgttt ctgtcaaaga 240
catgttcac acaactctac cctg 264

<210> 24894
<211> 315
<212> DNA
<213> Homo sapiens

<400> 24894
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acacatgagt gtcttgctta catgtagctt cagactgcag agacaggacg tgtgcttttc 120
atttcaatat ttagttatat ttgatatttt gaaactgtct gctttttgct atttctgcag 180
tttcaagtta gttagaagca tgttgtcaac taaagacaac aaactatcag attcattcat 240
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gtcaacagca gagcc 315

<210> 24895
<211> 145
<212> DNA
<213> Homo sapiens

<400> 24895
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tgggggtaag atctgggctc acgctgctca gtggcccacc ctttctgcct gtaactgtgg 120

agagggcttc cctgaaacgt gaggn

145

<210> 24896
<211> 404
<212> DNA
<213> Homo sapiens

<400> 24896
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gaaggatatag gggctatatt gactttctga aacctgctca tgatcagagc tctcaggcac 120
ctttccctca tcttcttggg cttcatccac gtgatgatgg tgggagggct cctgggtctgt 180
tgctggcctc ctggaatgag gcccagatg ttgccattta gtggtcakst ccccttggat 240
aattaattaa aacaagcgca satttagctt tagagtttagc actgccttac tctctaactt 300
cgtttatcck ttcagtcctg agtgagggct tgctgttatc ccagtttatg gatgaggaaa 360
ctaaggctcc aaaaggctgt gtggctgagt cagtaactgg caga 404

<210> 24897
<211> 186
<212> DNA
<213> Homo sapiens

<400> 24897
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atgtttactg aaataaccaa gacatgatgt ttatcctgga gttccagaga agatgttgtc 180
ccccat 186

<210> 24898
<211> 433
<212> DNA
<213> Homo sapiens

<400> 24898
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aagcctggaa ggaggggaaga aaatttgtaa agcttaatgg aaatggagtt ttaataagag 120
tacctattac tgctttaaca agtctacatt cttgttatat ttaccacagc cccaaagtca 180
atctttttga tgtctacagc agagaaggat attagcagat tcataaatca cagtcttatt 240
tgcacttctg ctttttaaagc aaacatttaa aaaaagggtg tctgtcttga ttaaggccac 300
ttatgtccat gggtaaacag gctgtgtttg arsttcaccc cccaagcatt ccacctcagg 360
aaccaggtc agacctccaa ccatgascct aagtgcctgc ttaagacgta cttaacatar 420
ttatratatt gta 433

<210> 24899
<211> 206
<212> DNA
<213> Homo sapiens

<400> 24899
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taagagtgcg gcgggacttg gaaatcgaat ctgtgctctg tgagagatcc taggaaagga 120
aactgggagc ccgggagaac taaaattccc aattaaaagt gaattttaat ctgagctggt 180
cttagacca gaatttcttg cctgag 206

<210> 24900

<211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24900
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 ctttttagagc tttatttcct ctaagaagtt tttttttttt tttttttttt tttttttt 118

<210> 24901
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 24901
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 caaacaggaa tgttttcatg caggtcacac agtctattta tattgtacct ttgaattaga 180
 aagaggcaca ctcaaacgt aagacttaga attaaaggcc tccccactg gccatagcag 240
 cacscctagc tcacaaccag ttgaaggtgg ttttggtgtg aactactaaga tgccccctcc 300
 tggttgaatt ggggctgggt cagccccac ctccctccc gccaggtgcc attttgctcg 360
 taaccccctg taacagccct gca 383

<210> 24902
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 24902
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 ctaatccatt gacatgcttc agactcattt tcaaaagcca ctgatattaa acatgatttr 120
 ttgagttata tatccttctc ccatatggat gccacaagtt atccagaatg cagttctagg 180
 ctccctgcy 188

<210> 24903
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 24903
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 cctaaagctt taatctctga aacagagaaa ctctctgatt agaaaaacag gcgcctagtt 120
 tggcctcctg tagcactgaa ctatgagaga tattgtccaa catttttggg ggtttttctc 180
 tgtgtatatt ggataaattt tggatgagta gggccaa 217

<210> 24904
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 24904
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 gcgcactgc actccagcct gggtgacaga gcgatacttg gtctcaaaaa aaaaaaaaaa 180
 aaaaaa 186

<210> 24905
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 24905
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 gggctctgggc tttaggcagg tagtatttag tttcacaatg tttggggacg a 111

<210> 24906
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 24906
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 tcgttgtaat tgttgacatt ccttttagaa gttgtgaaat gttacaactt gtgcttatgt 180
 agacacaatc ttctgtctca gtacagaggc actgacttca ataaagtcta tttatcttaa 240
 ttttggccaa agcccttttg tatctttgtt ctagtctcta aatatagttg tktttcaagt 300
 gtggag 306

<210> 24907
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 24907
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 gatgttttag aaaacgatta tgagagctta cgtgtattaa atgttgaaag aaatggaaat 180
 attatttata cctataagga tgataaggga aatgtcgtct ttggattata tgattgtcaa 240
 accaggta 248

<210> 24908
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 24908
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 taagcagttc cgtgaagttt gcaaccacct aaaaggataa taaagttttc attctttata 120
 acatcagcat tgttcctact garattaaaa agtgtggtca aacacagtca ctgaatcaac 180
 cgttttcttt ctgggcaaat gtggcatctt cattcactga gagaaaaggg tcacc 235

<210> 24909
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 24909
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 agggagactg gaacaagaag caaagtaggc gctaggtgaa tttagaatgg aaattaggat 120

agccaagtgc	tcatattcaa	aaggaggctc	atcttttcta	aatcagttgc	ctgggaaatc	180
ctaagcaaaa	ataacaaagc	tggaggcatc	acgctaccca	aattcaaact	gtactacaag	240
gctacagtaa	ccaaaacagc	ttggtactgg	tataanaaca	gacacacagy	bnaatgarac	300
agaatggaga	gccagarat	rwaagccaca	cacctacaac	catctgatct	tcgacaaagc	360
tgacaaaaca	agcaggagga	aaggncctct	tatttaataa	atggtattgg	graaagtggc	420
tggccatgtg	cagaaga					437

<210> 24910
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 24910	
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tctgagagaa	actatataat
ggaggatgta	
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ttttagagtc	aggctagcct
gagttttaat	cctagctcta
ccatttacta	gctgtgtgat
120	
tttgacatg	atatttaagc
tttctgatct	tcagtttctg
aatctaaaac	gtgtgactat
180	
taataggaat	ccaactggga
atgctgtgcg	gttgaaatta
gataatgtat	tttaaagcc
240	
tggaagtg	tctgacacag
agtacacact	taargaatgg
agggatatta	tyatcatcac
300	
ggtggg	
306	

<210> 24911
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 24911	
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agagagccag	agagtgaggg
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agagccagaa	agtgaacaa
gggctgcagg	aaagcgccca
gctgaggatg	atatacccag
120	
gaaagccaaa	agaaaaacca
acaaggggct	ggctcagtag
ctcaagcaat	ataaagaaac
180	
c	
181	

<210> 24912
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 24912	
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tgtgggcact	gtgttttagtc
ttgagtcaga	ggaggaggaa
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taccctggaa	tactgcaga
agatagcaat	gacatttaca
tcctgccag	cgacaactct
120	
ggacaagtca	gtccccaga
gtctccaact	gtgaccactt
cctggcagtc	tgagagctta
180	
cctgtgtcac	tgtagctag
ccagagttgg	cacacagaaa
gcctgccagt	gtcactaggc
240	
cctgagtcct	ggcagcagat
tgcaatggat	cc
272	

<210> 24913
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 24913	
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ctaaaaatcc	catgtgctct
gcttattcat	ccctccttct
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ctccctctag	ccctgacaa
ccactgatgt	ctttactgtc
tccttagttt	tgctttgccc
120	
agaatgttat	atagatggaa
taatatagta	tatatattca
cattggcttc	attcacttag
180	
atacatgtct	ttaaggttcc
ttcatgtatt	tttatggctt
gacatttcat	ttcttcttat
240	
tgctgaatac	tattttattg
tttgggtgtg	ccc
273	

<210> 24914
<211> 255
<212> DNA
<213> Homo sapiens

<400> 24914
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ggctgaagtg tagagtgcag tggcgtgac tcagctcatt gcaacttcca cctcctgggt 120
tgaagcaatt cttctgcctc agcctccgga gtagctggga atacaggtgc aggctgccac 180
gcccggetca tttttgtgtt ttagtagaga tggggtttcg ccatgttgcc caggctggtc 240
tcaactcctg agcgc 255

<210> 24915
<211> 248
<212> DNA
<213> Homo sapiens

<400> 24915
caaaaataag tatttgcata taacatacac acatcttccc atatacttta aagtatcttt 60
caattactta taacacctaa tacagtgcct acacatcatt tcattcatgt ggattcaaca 120
tagtacttgc tgtgaagaat attcaagttt tgcttatttg gractttgtg aatttkttct 180
tccaaatatt gttgatccat gggttggttta atccacagat gtaggacaca gagatacaga 240
ggggccgt 248

<210> 24916
<211> 356
<212> DNA
<213> Homo sapiens

<400> 24916
caactgtgat gcttttttagt atgaacaatg atagttttct aaaatctgaa aatcaatacc 60
tgagtatgtg atgtggcaat gcattcttct agataagcac taaacaaagt atggaccctc 120
aatatgatgc tttaagattt aaagtgaagt aaatttctaa ggaactgtgt ctttcctag 180
caggaataaa cagtgaanaa ttggttaagta tttaacttga agtgcattga atagtgatga 240
gagtaagtag ccaaatctcc gtaatatag gtaatgttta agagtgaagca ataattattg 300
catctctttt gcgacttcat gtagatgtga ttaacatttt ttacaaattt gcctgc 356

<210> 24917
<211> 85
<212> DNA
<213> Homo sapiens

<400> 24917
cgatatgtct tacatattct ctattaatat aaagaaccaa attttgtctg ctattttgta 60
aaaataaact acaaaagcct gaacg 85

<210> 24918
<211> 358
<212> DNA
<213> Homo sapiens

<400> 24918
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gagccaccgc	acctggccag	agtctttctt	ttcttaagac	agggctctcg	tcatgggcta	120
ccatgcccgg	ctaatttttt	ttttgctaga	gaagagtctt	ttgttgccca	gagtgggtctt	180
gaacccctgg	cctcaactga	tcctttctct	ccagcctccc	aaagtgctgg	gattacaggc	240
atgagccacc	acacctggcc	acacagtgtg	actttctatt	tkgttctttt	ttgaaacaat	300
tttttttggt	aatattattt	tacagaaaaa	attttgagat	gaagtttcam	tctagtca	358

<210> 24919
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 24919						
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gctgtgataa	gtaacttgtc	caaggtcaca	caaaaaataa	gtgatacatt	tatgatgaaa	120
cctcagttct	gactaccttt	gttctttcat	tatgacatgc	tgctacctc	ttatttatta	180
taaacaatat	tggtatactg	acacaaggat	cagatgcttt	gtataatgg	tgtagacttt	240
tccaaggaat	cttgtgactt	tcttcttttt	actttatccc	ccttagtggt	aaaaraagag	300
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agtttctgat	caagcca					377

<210> 24920
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 24920						
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ctttccggga	gaaattttgc	acatgtatca	gaagtctagg	agctgtgttt	ctgatatttg	120
catcttcttt	attgtttaga	tactgtgaat	ccggcatcta	actatagttc	cttctttgag	180
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actgcgaact	ttggataccg	ccttcctgtc	tcagcttcgt	ctcctttgtc	ctaccatgat	300
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ttggaagcca						370

<210> 24921
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 24921						
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aggtgtttca	aaaactcagt	cacttccagt	aacagaaaag	gtgaccgaaa	accagatacc	120
agccat						126

<210> 24922
 <211> 431
 <212> DNA
 <213> Homo sapiens

<400> 24922						
caactagaat	tacttatttc	acatggaatt	gattttcaaa	tatacatctc	taacataagt	60
aaagtatctg	atctttttct	aagagcaagt	tttgattagg	aaatgggtga	acatactata	120
gacactttga	atacttaaaa	gggaatgatg	tcattgagca	agaagtgaac	taataaagaa	180
gtttggagtg	ataatccaaa	tttctcctaa	catactattt	ggctttcaac	ttagtagcat	240

ttcttgggta	gatttaactc	tagtcccttc	atttctgata	atagtagttt	tcaaacataa	300
atctggatta	ggttttcaac	tcacttactt	ttggtaaata	tgttcttatt	attgcatctt	360
acagtttgat	ccaaaatcaa	taatttgga	gcacatatag	caaactacct	aactgacaga	420
gttcctaagg	a					431

<210> 24923
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 24923						
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atgggtatggt	tgatgggatg	actgacacag	gaaatctggt	aaagtcttaa	aatggaatga	120
gaatgttggt	ttaaaagaaa	atagcaaaac	aacaaaaaag	caaaccttaa	aatgtgaaga	180
aagtgtgaat	tttagttttg	tcacagttaa	ctgtgtcaaa	gagaattaar	aaaraaaact	240
tcrgattttg	tttacctatt	ttactacatt	tttgctggta	taattcctta	gccacctatg	300
tacatactgc	tttargaaat	gttttttctt	gtttatttct	gtttgggtta	tattctgggt	360
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<210> 24924
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 24924						
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tgtttgtaa	acaggccttg	tttgtgcatg	ctttgctatg	aatgaagttc	ctttaaggac	120
aaagaaaagc	acacttttct	tcttttgagc	atatctgcta	ttacttttaa	tctgctaatt	180
tctaaaatgt	agagtccttc	accaatccca	gagactcaat	ttggaaatga	actgatttca	240
agccgttact	gtcaataaag	caccccagca	ttttgtataa	gctctcaa		288

<210> 24925
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 24925						
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gctgtagtgc	ttgacatttt	ccagcaaaca	ggaatgagga	gaaaaggcca	aggacatcta	120
gcctttatct	tcctgattca	gatttggaag	acatgccttt	cgttttctcc	cacctct	177

<210> 24926
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24926						
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acttgtagat	gtgtattcat	agcagcttta	cttacgagag	cccaaaacta	aaaaaagtcc	120
atcattaggt	taatgactaa	ggaaattgat	atatacatat	aatgaaatat	tcctcagcaa	180
tacaaaagga	atgaact					197

<210> 24927
 <211> 302

<212> DNA

<213> Homo sapiens

<400> 24927

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ttgtttttgt	ttttgttttt	gttttgagas	cgagtctcac	tctgtcacc	aggctggagt	120
gcagtgggtgc	gggtctcggt	cacggtgacc	tccacctccc	aggttcaagt	gattctcctg	180
cctcagcctc	ccaagtagct	gggactacag	gcgcgtgcc	tcacaccg	ctaataattg	240
tattttcagt	agagaccagg	tttcaccata	ttggccaggc	tggtctcgaa	ctcatgatcc	300
gc						302

<210> 24928

<211> 304

<212> DNA

<213> Homo sapiens

<400> 24928

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tgcagtgggtg	cggtctcggt	tcactgtgac	ctccacctcc	caggttcaag	tgattctcct	180
gcctcagcct	ccaagtagc	tgggactaca	ggcgctgcc	atcacaccg	gctaataatt	240
gtattttcag	tagagaccag	gtttcaccat	attggccagg	ctggtctcga	actcatgats	300
nnha						304

<210> 24929

<211> 308

<212> DNA

<213> Homo sapiens

<400> 24929

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acttcagggt	ttaaaaaaaaa	tgtcttccag	tttcagccac	taccatgata	agcacagttg	180
agactgcagc	agtaaattcc	aaatatgtgt	ttctaatttg	acgtgaaaga	tactaaaaat	240
ttatattttgt	atattttaat	cctggctcat	cctgtgacat	agatttactg	aataggaaca	300
aagccct						308

<210> 24930

<211> 432

<212> DNA

<213> Homo sapiens

<400> 24930

tttaataata	taatctatgt	tatatctact	ttttotttat	aattgtctta	gttcattttg	60
tgctgctgca	acagaatacc	tgacactggg	taatttatta	agaacagaaa	tttatctctc	120
atagttctag	aggctgagaa	gtcctaagat	caaggaacca	gcaggtttgg	ttgtcttgtg	180
agggtgcat	cctctgcagg	ggaagaagaa	cgctgtgtcc	tcatatggca	taaggcagaa	240
gggcaagcca	cccgaagct	gtgtgaagcc	tctttaataa	gggctttaat	cccattcatg	300
agggaggttc	cctcatagcc	taatcatctt	ttaaaggcct	cacctcctaa	tactatcacg	360
ttgacactcc	tgaattttgg	agggggacat	awtcaaacca	tggcattact	tattgaacag	420
taagattagc	ta					432

<210> 24931

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24931

tctctgtgtt aataatgggt actgtacaat taatttcctt ttttaaaaaa tatatTTTTT	60
gagacagagt ttctctcttg ttgcgcaggg tggagtgcaa tggcacaatc ggggcttatt	120
gctacctctg cctccg	137

<210> 24932

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24932

aagcataggg tgagctatga ggggggttatg tgatgctccc atgccttctc tgggcatacg	60
acccccagag caccatctgg gtttatcagt ctggaagctc tccaaaccct gtcctTTTTg	120
gtttctatgg agtcttcatc atgtaggcat gattaatgac atcattggcc attgatgagt	180
aggtcaatct ccagcccc	198

<210> 24933

<211> 296

<212> DNA

<213> Homo sapiens

<400> 24933

gggaggatca cttcaggcca ggagttcaag atcaaccaac ctgggtaaca tggccagacc	60
ccatctctat ttatatatat atatataaaa cttagagttt ttatcttccc ctaaaagagg	120
ccgtgatatt tgcagcagcc tcaaattgct ctttaaggggt ttaggtgtgc agaagcttct	180
ctttccctac ccagtaacca tgtgactact aacgtggtat attgatttat tttgtttgct	240
gtckatctcc cctgccccac tgctggaaca gaggtccaa gaaaacaggg accann	296

<210> 24934

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24934

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aggaatgcc aatcatcatgac atcatcacga ctgactgatt tggtcagtct gtctttcatc	120
aagtcagga	129

<210> 24935

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24935

gaattttgta gttcttttag agtcattatt gaaaagaatg attaatataa tacatttctt	60
taaaaaggag cttagagaaaa tggggtagat taaactgcct gcrhsttctc tcaaggaaag	120
tccccgatgg cagcttatcg ccttgtagatt tatctctacc tcctaagagt agaatgcagc	180
taa	183

<210> 24936

<211> 108

<212> DNA
<213> Homo sapiens

<400> 24936
caataaagcc tctacttttt cttcatagct cttacatcag ttgtaaataa agaactattt 60
gtctgccttt tcccgttgtg tagtatgtaa gtattagctc aggcataa 108

<210> 24937
<211> 243
<212> DNA
<213> Homo sapiens

<400> 24937
ctggactctc tattcttttc catcgctcta tttgtctagc tttactccaa tatcacagtg 60
tcttgattgc agatttataa atcttgaaat caaatagtg aagtgcctgca actttaccct 120
actttgtcaa agttgtttta gttatctagg tcttttgcac ttccatatga attttataat 180
cagctcatta ttttacacac acacacacac acacacacac ttgaatttwt attgggggttg 240
cgc 243

<210> 24938
<211> 350
<212> DNA
<213> Homo sapiens

<400> 24938
gagaactctg atatcagcat ggatacacat ggaattmmag gcagtgacaa catttaaggc 60
atggaaagggt aaaattagat gaggcagggt gaagattgat aaataaatgg ctgtgatggg 120
atgtgatatg gtttggtctc gtgtcccccac ccaaatctca cattgagttg taataatcaa 180
tgtcaagggt ggaccagggt gaagtaattg aatcatcggg gcagtttccc ccatgctgtt 240
cttgtgatag tgagtgagtt ctccacaatat ctgatgggtt tataaacgcc tggcatttcc 300
cctgctggma ctcatctctc ctccctgccgt gctgtgaaaa ggtgccttct 350

<210> 24939
<211> 325
<212> DNA
<213> Homo sapiens

<400> 24939
caattcaaag tgaggctgag acttgaaact gctcccacta cagttctgtt ttaactctac 60
ctctggagga agaagtaaaa tggggtagtt gagcatgaac ttgggacagt cagtcacagt 120
tagcgcasca ttaccact gagtgccctt ggatagggtg ctaacttctg ggcttcagta 180
aatggggcta tagctggagt gccacgtac taggatcatt gatgaatgtg agctagggtga 240
atatataaaa atactcaact ggagcctggc acatagtaat acgtggtaat ggtaagaatg 300
ttgaatgttc ttcttttggg gcccc 325

<210> 24940
<211> 152
<212> DNA
<213> Homo sapiens

<400> 24940
ttagttatac cttttcacaa tcttattacg atgttgccgt taaaagggaa aaaagacaca 60
ggcaatgaat ggtgggatag taagaggact tagagtgtat gaatgagttg attttacttt 120
tttgaattt gattaagttg acagtaggct ac 152

<210> 24941
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 24941
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 ttgaacatgg cctggcatgc tccctcttca gggcctttgc acttggttatt tccctccacct 120
 agaatttctt tcccatgtaa ctacctcact tgcttcatca tcagctccct cacctaaacc 180
 ttcagtaacc ctttcttc 198

<210> 24942
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 24942
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 actgtttag ggtaatgcca acttgcttac tgtgttgaa ttttctcct taagactttg 120
 gaggttctct tacctggcct gtcgtacacc cagcaagcac cttcrcactg accac 175

<210> 24943
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 24943
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 tttctggcat ccaactct 78

<210> 24944
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24944
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 aatgctgtgt tgggtagaat aggttttccc ctcttttggt aaataatatg gctatgctta 120
 aaaggttdca tactgagcca agtataattt ttgtaatgt gtgaaaaaga tgccaa 176

<210> 24945
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 24945
 gagtctgggt cacttcttaa gcagggaaga ggcttgagag cttttttttt twattttcca 60
 gggcacttca ggmaaccggg gcctccaggg ggaraaaggc garaaggar aggacggytt 120
 cccaggcttc aagggcgatg tggggctcaa agtgatcag gggaaaccog gagctccagg 180
 tccccggga 190

<210> 24946
 <211> 271

<212> DNA

<213> Homo sapiens

<400> 24946

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tgagaagtct	ggtgccagtt	tgagtttgat	tccaattctt	ttatagatga	cttgtatatt	120
cctttctgaa	agcattgagg	aatattctgt	ttatcttttg	attacttgaa	atttcaaagg	180
atgtgtctgt	tgtgggacgt	ttgtcattca	tcctttcagg	actctaggac	ttttttaacc	240
tggagatttg	agtacttctt	tagcttgggg	t			271

<210> 24947

<211> 135

<212> DNA

<213> Homo sapiens

<400> 24947

tatcccagca	ccatttggtg	ggtaggggtg	tctttcccca	ctttgttttt	gtttgctttg	60
tcaaagatcg	gttgatttga	aatatttggt	ttaatttctg	ggttctccat	tgtgttccat	120
ttgtctatgt	gcctt					135

<210> 24948

<211> 161

<212> DNA

<213> Homo sapiens

<400> 24948

cacttgcttt	cacacctaca	cctttatgta	ctttgttgtc	tctgtttgaa	ataccctttc	60
ttcctatctc	tacttgtaaa	aatcattcaa	ggccccactt	aagttctacc	ttctcctaga	120
atcttttctg	gtctctctta	gactatctct	ccatcctgta	c		161

<210> 24949

<211> 297

<212> DNA

<213> Homo sapiens

<400> 24949

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ctggaaaggt	cttgcttggt	tcttggttagg	attcttgata	cttttgagtc	tgtttcctcc	120
tttgggtgtg	cataatgggt	attgatgggt	tattgggaag	ttatagataa	tttggatgtt	180
gatcttagag	ctaacaatga	tgctgagctt	tctaattcta	ttgtcaattg	attctcttgt	240
atcgggtttt	ttaagtaagc	gaaaagggtct	gcgcgtctgt	gatggaagcc	gggccgg	297

<210> 24950

<211> 153

<212> DNA

<213> Homo sapiens

<400> 24950

taaaggaatt	taggccgggc	gtgggtggctc	atgcctgtga	tcctgcaca	ttgggaggcc	60
gaggcaggcg	gatcacctga	ggtcaggagt	ttgagaccag	cctggccaac	atgatgaaac	120
cccgtctcta	ctaaaaatac	aaaaaattag	gcc			153

<210> 24951

<211> 110

<212> DNA
<213> Homo sapiens

<400> 24951
ccaggcacgg tggctcacgc ctgtaatctc agaactttgg gaggccaatg cgggcagatc 60
acaaggtcag gagatcaaga ccatcctggg taacacagtg aaaccccata 110

<210> 24952
<211> 290
<212> DNA
<213> Homo sapiens

<400> 24952
atcgttttat ccagctttctt tctgaccagt ctgatcagtc tgtcctcatc cagaaacaga 60
tattcaagat cttctatgct cttgttcagg taatatctgt gaagcagttt ttatgcataa 120
aaagttagtc tgtcatttac cgtgttaaaa attaacaaag aatttcagca tttgaataat 180
agtttaacttg aaaatctaca ttaagtggat gattttctag caaaatagaa attgcaaaaa 240
ttataagtct aaacaagcat acttcctccc caaatacata aacaaccctt 290

<210> 24953
<211> 355
<212> DNA
<213> Homo sapiens

<400> 24953
aggggataaa actggacaat ctctggatga gccacttaac ttctatgaac ctctgtttct 60
tcactctgtgt aataaaaaaca gcagcagtat ctacttctta ggtttggtat gaaacttaaa 120
tgacagaacg catgcacagc attgagtagt aagagaaaag gcctagtga tgttagctgg 180
tttttttacc attattatta ttattttacaa gtgcttacta tatgccaaaa accatgttag 240
atgctcattt aattttttatg aaaatttgca taattttaat tttttaacag tctttgggat 300
agatattata tcaattatga ttggagaagt taagtaattt gcacaaagcc gtcac 355

<210> 24954
<211> 108
<212> DNA
<213> Homo sapiens

<400> 24954
tcttttcctt gtcctgata ttaggggtgag aactctaaaa tttcttcctt aactgacaca 60
gttcactagt gaagccatgt ggggccagat gtttggtttg tcggggag 108

<210> 24955
<211> 218
<212> DNA
<213> Homo sapiens

<400> 24955
cacttaatcc tgttttctcat gtccagccag aaaaaagaac ttcagtgaag gtaagataaa 60
taaatacata cacatatggt tttttggtag ataagtgcta attacatata tgtaatgctt 120
tattaaattt ctgaaatatt tggtaactaa aattttcttt ttggaaatta ataaatccag 180
atacatatta atgttgatat gagtaaaaaac aaatagga 218

<210> 24956
<211> 150

[illegible]

<212> DNA

<213> Homo sapiens

<400> 24961

cccatctcag cctcccaaag tgctgggatt accggcgtga scaccatgcc tagccataat	60
atattaacta tagtcacat gatttacaat agttctcttg aacttatccc tcttatttaa	120
ctaaattttt ctgtcttttg atcaagct	148

<210> 24962

<211> 141

<212> DNA

<213> Homo sapiens

<400> 24962

anagavattht aattttaaatt tgtaaganaa aagaaaactg aracagaact gccagtacaa	60
tgtttggtgc aattgtttcc aaaactttga rataacgaaa ccctatttca aatgttaaatt	120
ttaccatttc ccacctgata s	141

<210> 24963

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24963

aggtctcctt cctgcccagag gaggccactg aggaggctgg ggtccgaggt ggggcggagg	60
aggaggwsga ggaagaagaa gaggaggagg aagaggaaga ggaggaggag cagcagcctg	120
ctaccaccac ggccatt	137

<210> 24964

<211> 92

<212> DNA

<213> Homo sapiens

<400> 24964

agtttctcag agcaaccatg gagtcacagc agttcttctg tcaccatgaa ggggatctgc	60
tcagacgcca tccttgttct agctacctcc aa	92

<210> 24965

<211> 309

<212> DNA

<213> Homo sapiens

<400> 24965

tacagcaaag aaaggattct tctcaaagcc atcgctccgc agcaggaaca ccattttcac	60
cctaggaacc cgcgggctct gtcaatctcc cccactgaac ttgaggcccc catcctgggtg	120
cctcacacag cgcasscgga gagcagaggt atccatttga ggccctcttc cgcagccagc	180
actacgccct cctagacaat tctgcccgcg aatacctttt catctgtgaa tttttgttg	240
tgtctggccc agctgcacac gacctgttcc atgctgtcat gggccgtaca ctcagcatga	300
ccctgaaac	309

<210> 24966

<211> 231

<212> DNA

<213> Homo sapiens

<400> 24966
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 tgggtggttt aaaggtggtt taaataaata aggatgtgct ggtcccccta ctctgtgtgt 120
 gctgaataaa tggcttgtaa agaagttttt ccaagctgta acccatgctg ttattatagt 180
 tgctgcaaaa tgttcttcct gatattgatt ttatttgta actgaagggc t 231

<210> 24967
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 24967
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 cttctcaaac aaaaagaaaa gaaaaacgaa tgattcatct gctttaatca gtgtgattaa 120
 tgcagcacc attgccccgg gaaccgtttc tgctgtacta tctggatact aaaatgttac 180
 ggaagtagct ctttgttctc cctcactctg cccttagtta atagaaattc agactcgcca 240
 agtaaggctt cgtgcatagt gtcttcatgt cgcgatatgt tgagcgcgtt cttagcagtt 300
 ggcttcatgg acaactcatt agtgttttga cttttcttac ccagcggaa 349

<210> 24968
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 24968
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 aaataaatag ctccactttg ggcaggtaaa gtgaagtgtt gagtaaattg tttcttcata 120
 gtgaataaag aaacggttat ggaatgccc gcataagcct taaacacatc cactcttccc 180
 cctgggtgaa gccacaatg atactagggg gatagttatc attcctgcct gcaaccaga 240
 actgaggaaa gaggaccagg aagaatacca gggctc 276

<210> 24969
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 24969
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 tcgagcagtt tccagctcc tgggtaaagg agcagtcctc tcccttgctt gggactctgg 120
 acgcatctca ttccggtgaa agtaaggagc agcttaggac cagaagcctt tcgaggagaa 180
 aaggctgaca tgcccgtccg 200

<210> 24970
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24970
 atttccatkt ttaaaagtaa tttggttggt tttatagtta tttgtacaag tatttatcac 60
 agactctaaa ttgaaaaata tagtatgac tatatttgac cctaaaaatg ttgcattaat 120
 ttaacaaata tggcagattt ttcataacta agtcttaagt cttctaaaag gaagca 176

<210> 24971

<211> 152
 <212> DNA
 <213> Homo sapiens

<400> 24971
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 ctttagatcc tctaaagagc tagagtcaaa agatttatct tcaagttagt cttttttaat 120
 gaaaccgatg cttattttaa tccagtttagc cc 152

<210> 24972
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 24972
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 taaaagtagg tcagggttaa tattaagagg tactcttccc attgaaaata catcttagaa 120
 aataagattt ggaaaagctg ttavcctgtg wwtgaccct gccaggagat cgtgccagat 180

<210> 24973
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 24973
 cagatttgct cagaaactct gcccaagatt gggcagaagt tactttaaaa agacttggtt 60
 cagctgggtca cggtgggtca cgctgtaat cccagcactt tgggaggcca agccagatgg 120
 atcatgaagc caggagtter rgaccagcct gaccaacatg gtgaaacccc atctctacta 180
 aaaatacawg mrttaacagc agagcgagac tctgtctcaa aa 222

<210> 24974
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 24974
 acttttcagtc tcttttctgg gggaaaaaaa taataaacct agcctagcca ggcgtgggtg 60
 ctcatgcttg taatcccagc acttcaggag gctgagatgg gtggaatcac ctgaggtcag 120
 gagttcaaga ccagcctggc caacatgttg aaacctcgcc tcaactaaaa atagaaaaaa 180
 attagttggg catggtggtg ggcacctgta atcccagcta cttcaggagg ctgaggcagg 240
 agaattactt gaaccagga ggcggagggt gcagtgabhv gagcttgtgc cattgcactc 300
 cagcctgggc gacaagagca aaactcttca aaaaacaa 338

<210> 24975
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 24975
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 taaacacctt agccatttag atttttatat aggattgttc tgttgagtaa atgtttgatt 120
 tgaatttaaat tttttcagga aactatgttg agttatttta attctttggt atttttcttt 180
 gcttttcccc aggagccaaa gtgaatgatg tggttccatg ggtgttgat gtgattttta 240
 ataaacatat catcagcccc aaccacacg tgaggcaagc agcctgcac tggtctcctt 300

cccttgtcag gaagctaagt acccaciaag aagtgaagg tgagccatgc tgtatgtgg 360
cagccctgtt ggaaccacag tattataagt agcaa 395

<210> 24976
<211> 183
<212> DNA
<213> Homo sapiens

<400> 24976
tttgaataaa taagctgggt tagataaact taataatcat gctttttctt gtttggagat 60
aggtgatgtg ttgtcatatc ctgtgatata ggtcactcat ctggccttct gtttctgaag 120
tttaagtctg gtttgaatat gtaataatac tactcagcat ttcttggtgc ctaagtgaga 180
cag 183

<210> 24977
<211> 241
<212> DNA
<213> Homo sapiens

<400> 24977
catttttagtg agtaacaata tgttaaatgc ataattaaga caaagcaatg aaattctgac 60
tttattcaaa gtactgaaga ttattgcttc tagggcattt ttaaacagca ccattgtatt 120
gttgaatgtt tatgtaactg atggcttttc tataatgtaa tttttgaatg ttcagggtgtt 180
acatttccaa rgtttaactt ttaaaaaacc atcttctgat cccttttatt gtccgggcca 240
a 241

<210> 24978
<211> 103
<212> DNA
<213> Homo sapiens

<400> 24978
aaggccggga cggttaggat tgtcggaagt ggccgattgc ttggacaggg ccggcggaga 60
agatcggagc aagtcctgtg aagaagccaa agactgggac ggc 103

<210> 24979
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24979
cacttaatac arwgaataaa gggaataat ttaccacttt tggattacct tttatttaag 60
acataaattt ttcaactcat aagckattta aaatcttttc acttaagata cctgttgaaa 120
ttttgttttag gtatctggcc aggaacagtc ttcacgggga caaagaattt tatctattcc 180
aattcgcccc cca 193

<210> 24980
<211> 306
<212> DNA
<213> Homo sapiens

<400> 24980
atctttctga acattcacca cactgggtgga caaatccttt ttgtgtgagk aagatgtggc 60
tggtgggaga gtcaagtrat tgawtgacgt gaatttcctg gagtttccat aagttcctgt 120

aaatttagcc tccaactgaa ataaaccaac tgaatgtaag acatcagrsc ctaaagaacc 180
 aaagtgtgka tytctgtgga agaccagcca acctattctc acagctgaaa caatggatct 240
 ggcctgcaga gtgttaaggc attctccaag tttcaaaaca agagtacacc attttgnnka 300
 aanaat 306

<210> 24981
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 24981
 aatgattttg gggtagaggg acattgaatc aggtctctga aagaatctgg ggtttttagt 60
 ataatatgta tgattccatc tcatttcctt taactgagct caaagttaga aagaaaatac 120
 tgccctt 127

<210> 24982
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 24982
 tagctgcaaa tgccattaat tcatttttta tggctgagta gtattccatc atatatatat 60
 ataccacagt ttctttatcc acttggtgat tgatgggcat ttgggttggt tccaattttt 120
 gcaattgtga atcgtgctgc tataaacatg cgtgtgca 158

<210> 24983
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 24983
 aatatgttcc tgttttgtaa taatagagaa gaacgttact acctgtctta aaaattgtgt 60
 gttcattagt attcatataa accgttatgg tggtaaaaga aagacaggtt ttaattagat 120
 ataaggactt aagtaacctg cagaactggc cct 153

<210> 24984
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 24984
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 ttacacacac acacacacac acacacacac acacatatat attgcataag gagagattgg 120
 acttctagtg tatgcatcac ccaaataatg accattgtac cccatagata ataatttttc 180
 aaccaccaac ttccttccag ccttccact tttgaagccc ccagtgtcta ctctttccat 240
 ctttacgttc atgtattaag tgctgagctc tagaccaatc atgactaaat aactgcatgt 300
 cctctgttat atcarcta atarrgggtaa ctaataaagt gataatttga ttccatgcaa 360
 tggatacatc tgatg 375

<210> 24985
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 24985

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acagggaatt gggagcc 77

<210> 24986

<211> 144

<212> DNA

<213> Homo sapiens

<400> 24986

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wtttggtcc agaaactgaa ttacagttg gagtagctga ctcaaaagtt acttgcttaa 120
aattaaaagt atgagaaacc cccc 144

<210> 24987

<211> 159

<212> DNA

<213> Homo sapiens

<400> 24987

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cacctatcaa cccgtcatct aggttttaag ccccgcatcc attacgtatt tgtcttaatg 120
ctgtccctcc ccttgcccc cccccccaa caggccctc 159

<210> 24988

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24988

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gaggtgagga ggaagggagg aga 143

<210> 24989

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24989

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ttcgtctctc gcgctacaca cccagattgg cttccagcgc gcaggtaaaa cctggctgtg 120
ccctgttgaa atcaattctg ttgcagtcac atgcggtgga atctgttctt cttttgcac 180
ctacgtaacc agaccaagct gtgggcttct caaggtagcc tccaggatgc acagagttag 240
agaggatgct tttccctaaa ccaggat 267

<210> 24990

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24990

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taagtagcac agagcttagt actgtactta attttcttt cagtcctttt caatatatca 120

gttctcccca aatgaaatac agtcttccag aagacaggat ctccactttc ttctttatcct 180
 tggcattttc caaccctgg ctcactctgt tatgattttg agcactccac tgc 233

<210> 24991
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 24991
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 tgaaccgat agcacatagt gaagactcat tatctttatc aatgatgtgt cagttggagg 120
 taaaaattag gtccttttca atatccagtg gtgactgtgc tcctaggaag atcagccaag 180
 gatacacagt ccgaaaagtt tatagcttag gtaggttaga ttaagtgcag tgcctctcta 240
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 cccatttcag aatgacttc taaaaaggct atttttgc 338

<210> 24992
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 24992
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 ccgatttggt cacctatttt gtgcttttaa tctcaataaa atacttactg agggaatg 178

<210> 24993
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24993
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 atggggcctt gcgattaggc tctggcaaac tttagcaata ggctccctag ctgtttgacg 120
 tcggtgttga gcagaagatc aaggatccat tttgtaggac aaagacggga agagaa 176

<210> 24994
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 24994
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 tttctaattg tctgtgaggc caaacattta tgttcagatt gaaatttaaa ttaatatcat 120
 tcaaaaggaa acaaaaaatg ttgagtttta aaaatcagga ttgacttttt tctccaaaac 180
 catacattta tgggcaaatt gtgttcttta tcacttccga gcaaat 226

<210> 24995
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 24995
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ccaggccac crgccccgm agccccgcc

90

<210> 24996

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24996

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atcaacagaa cttacgatgt tcagagcata agaaataaat gtcaccttca agattcatca	120
aaatgagctt agatgaaatt ttaattgccca tactcaagcc acttaaataag ttaaccmmgg	180
ac	182

<210> 24997

<211> 246

<212> DNA

<213> Homo sapiens

<400> 24997

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tttgtcaaaa attaatcgaa tgtattaatg tgtttctatt tgtgaactct ctatctcatt	120
ttatccgttt gttctttcac taataccaca ctgtctccat tactgtagct ttagggtaag	180
tcttgaaatt gagtagtgc tgtcctccaa gtttgttctt ctcttcaat atgggtgttag	240
ctatcc	246

<210> 24998

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24998

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gcctcggcct cccaaagtgc kgggatacat gcatgagcca ctgtgcccag cctatactaa	120
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<210> 24999

<211> 209

<212> DNA

<213> Homo sapiens

<400> 24999

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tgagggtctg atctcatggg gcagatgaaa ttctcttcct tagaggaaag ggaaagggtga	180
ggccccagag gamttatctc agctgtaca	209

<210> 25000

<211> 251

<212> DNA

<213> Homo sapiens

<400> 25000

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taataaaaag ctgggcattt agaattttgc cttataagcc cttctccaac cataagatta	120

ttttgtacca aaaacttttg tggttctctac caaagcagtt aaaaactttt agcctgctac 180
 ttcttgtatt tgtctactga cagccccttg gtactattta ggttggggga ggggacctaa 240
 aataaataga c 251

<210> 25001
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 25001
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 ggtagtacga cttggaaagg gagagaggat ccaaattgta ccattttgga aattcacagt 120
 aataggaagc acagaacagt aggttaattg accataggaa ggcagggggtc aagggttata 180
 gaccaagtta caaagcagcg aag 203

<210> 25002
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25002
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 tkgcaggcat gcgccaccac acccagccaa ttttgtattt ttagtagaga tggggtttct 120
 ccatgttggt caagctgggtc tcgaactccc gacctcaggt gatcagcctg tctcggcctc 180
 ccaaagtgt g 191

<210> 25003
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25003
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 ctgaaagcat tactgaatga ggtaataatt ctggaagatg aacttgaaaa gcttggttgt 120
 actaaagaaa cacaagaact agtgtcagag gccca 155

<210> 25004
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 25004
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 tctctaaaaa ttarvaatag ctgggcgtgg tgctgcacac ctgtagtccc agctacgcag 120
 gaggtgagg caggagaatg actcaagtct aggagtgagc tgtgatggca ccaactgcaact 180
 ccagcatggg tgacaggmag agttcatctc ttaaaaagaa garagaaaaa tttcattagg 240
 t 241

<210> 25005
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 25005

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 aacgacagcr acgggtacgc cgaagcactc gttccggggg tgaagcctcc tgcgccggcc 120
 ttgcctcggg tccaggatga gaagactgat aaaagaagaa gctagctgag 170

<210> 25006
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25006
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 cttktttktt ctttttgaga cggagtttcg cttttgtccc ccaagctgga gtacaatgac 120
 aggatctcgg ctactgcaa gctctgcctc ccgggttcaa gcgattctcc tgcctcagcc 180
 tccaagtag ctgggattac agggccccc 209

<210> 25007
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 25007
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 agtcatttta acttacagaa attaggattg ttgctgctaa tatgaatacc aattataact 120
 tttagaaca agaataaagc ctaaaagaga atgaaatata agaaatgttc gttcccaccc 180
 ctaataacat ttggaagtga atattcccat tttcttcac ccacagggat tgggattgat 240
 ttttaatttc ctaggaaaca atactagact accccat 277

<210> 25008
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 25008
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 tgtwaccaag tctttggcac acgaggggtac ttcttgatc gtctagccat ttctgatttt 120
 tgaacctgag acagccaaca ttgagttgat ctctagatca gctttacaga atctaacata 180
 gtaacctcgg tttcacttgt cctgggcact cctggctgct gttccatttt tgtctttwcc 240
 ttttatact actacacatt gtctaaagag ggcttattcc ccttctcttt cctatccact 300
 ggtcacctta ctccaacatc agtgggtttc aaccctggct gcattttaga atcacctgga 360
 gagctttcaa aaccaccagt gcctadgtac catcctaagg cagtaggtca gaatctctag 420
 gtatggggct gggcatcwat gttttt 446

<210> 25009
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25009
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 attaaaatac aaatcccatt acatttggtt aaaatgaaaa tctctgctta atggaaaaaa 120
 tactaatctt tagcctattt tgagtctata agatatattt catttttagac atgccttcta 180
 agttgttcac agatttttac ctgctaatt 209

<210> 25010

<211> 418
 <212> DNA
 <213> Homo sapiens

<400> 25010
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 tgtttggctc ctgacccctt agacaagtca gccaatctcg gcagtgatag aacataatgg 120
 tttcagagcc tctcccatat aagacaaaaa tgactcccr rtgagttgct gaagagccag 180
 aacagatctt ctctcacatg agtmttgaca ctctgacaaa gcatgaagtg aaggctcata 240
 taacaaaact gtgtttggtt gagttggctt caagattagt ttgttataaa tgactacttt 300
 tctattgctt ttactttttc ttgtcatgag ccgcctttct tcttaaattg tgtttagtac 360
 tttgcattgt tatgtgtgat ctaccagtta tataccatac tttcaattct gtatatat 418

<210> 25011
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 25011
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 atggacattt gggttggttc caagtctgtg ctattgtgaa tgggtgccgta 110

<210> 25012
 <211> 206
 <212> DNA
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<400> 25012
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 ttcaacatag tggttgaagt tctggccagg gcaatcaggc aggagaagga aataaagggt 120
 attcaattag gaaaagagga agtcaaattg tccctgtttg cagacgacat gattgtatat 180
 ctagaaaacc ccatcgtctc aagccc 206

<210> 25013
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 25013
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 acccggcagc gggcgatasg ggggccaggt gcctccacag tcagccatgg cagcgtcgcg 120
 ctacgcgggg ctggacgaca cggacagtga ggacgagctg cctccgggct gggaggagas 180
 aaccaccaag gacggctggn ntttactacg ccaaatttgc catacggatg ggaacaagaa 240
 actgatgaga acggacaagt vnttttggtg accatatrva taaaagaacc acc 293

<210> 25014
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 25014
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 tcattctaga tcagtctcta ataagtcacc atcatcaagg gaattcactt tttgtttttt 120
 tatttcaata ggttttgggg gaga 144

<210> 25015
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25015
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ggtaattag ccctttgatc aaagcctagc ttacatttgt ttaggatctt tggaaaacaa 120
ttggttttgt tgcccacttt ccgtcgaa 148

<210> 25016
<211> 141
<212> DNA
<213> Homo sapiens

<400> 25016
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ccgagtcawg mcccgtctatt gcgmasgatt tgttgtaaga accgccgggg gacgakacaa 120
taaagaccgg aagctgagtt t 141

<210> 25017
<211> 327
<212> DNA
<213> Homo sapiens

<400> 25017
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tccctcaa at ggacactcca tgctggaagt gtgtgagttc aagctctggg agaactggca 120
gttgcccaca tatgttggtc agataacccc tcttgctcag ggcaaagagg cacattgaag 180
aatgaatgtc tgaaacagcc ttgataattc aagataaata cctctaaa at gataatccca 240
gatgcttagt tcaatttttt gttattcaag attacataat gctgtgaa at aaattcca at 300
tatttgagca ttttagcagg aggtccc 327

<210> 25018
<211> 127
<212> DNA
<213> Homo sapiens

<400> 25018
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gccaaacaaa tattttcta at tatcttggtg attagacctt agttatttta tcatattagc 120
tccttat 127

<210> 25019
<211> 369
<212> DNA
<213> Homo sapiens

<400> 25019
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tgatagctaa gcctataatt actatgtgat atcataggca attaaactgat tttaacacct 120
tttagagatt caaatttagac tctcagtga tttgcaaata ttcttttctc cttttaagat 180
atgattgtag ctttttta at acgtttttat tgaggtaaaa tatgtgtaaa atttactgtc 240

tttaccatth ttatgtgtac agttcagtg taataaatac atthtatattc tttcccttc 300
attctttcct cccactacc ctctcagcc tctgctaac accattctac tcttatcttc 360
atgagatct 369

<210> 25020
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25020
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gtgtctctag gctatgagtc tttcccaagt ggttcctgc cacct 105

<210> 25021
<211> 198
<212> DNA
<213> Homo sapiens

<400> 25021
gtaataaaat cacaacatat attgaaggth tactatgtac tagatgctat ttaagtgcct 60
tatattaact cgttgaatcc tcagaataac catatgatgt atgttttgca ccctattttt 120
taaattgttg ttttttaacc ttttaaaaaa agtatggatt aactggacaa gcaaagaaat 180
ttacagggaa gtccacag 198

<210> 25022
<211> 106
<212> DNA
<213> Homo sapiens

<400> 25022
aaggagacgc cattagaggg aggcagagag ggatcgttct tcgcttttcc tccggtgcct 60
gacgtggttg gctggggccc ttcattctcg gactttccct cagcct 106

<210> 25023
<211> 110
<212> DNA
<213> Homo sapiens

<400> 25023
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ggacatttca aaatgatcaa agaattaatc atcaagaaga cgtaacaggc 110

<210> 25024
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25024
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ttacacctgt gcttaacaac ttggatcatc ctaggaaaat aatgwwcgaa caaaacaaat 120
cactraagaa tatagtgtga ttccatttat atagratcaa agaacacgca aaattaagta 180
atatattgtt taaggatacc aatacacata atacaagtct atgataaaca taaaatttag 240
gaatgagtga atttggacac agagtagata tcacargtca ggataatgtg tgtttaaaaa 300
aaaacgatgg tggtaa 316

<210> 25025
<211> 194
<212> DNA
<213> Homo sapiens

<400> 25025
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taaggcatgc gaaagaatca cttgtcattt ctaataaaga ctgggttgaa aacctgattg 120
aggctggcat acctgtgaag tatgagtcac cacttgccta atttttattc tgcattatag 180
tactagagcc cggt 194

<210> 25026
<211> 128
<212> DNA
<213> Homo sapiens

<400> 25026
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cccgtgtttt cttccaaaaa gtcacctcag cagcctcccc aggcgatata gagggagagc 120
ccagagcc 128

<210> 25027
<211> 56
<212> DNA
<213> Homo sapiens

<400> 25027
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<210> 25028
<211> 291
<212> DNA
<213> Homo sapiens

<400> 25028
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cttatcacct ttagctctaa cattaagaac agctgcacat atatcatcac tgagtcacat 120
aaagattctc caataagaca cagtagagtc tctagccaaa agtgattgag gtcccttcat 180
ctctgctgtt tgttcaatgt aaattagcca tcacccctcc tgtttgtttt tctcatcttc 240
ccacatgggc tcaacacat ccttaaaaag tgagtagtca cagccagaga t 291

<210> 25029
<211> 249
<212> DNA
<213> Homo sapiens

<400> 25029
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actgcggccc aagttaggat taggacagcg gtttttcagt ccggagattc cggccacaac 120
tatttttgtc tgtttttatc gtaagccaga gtctttgggt gcagctctgg gacacctaaa 180
gggcctggag aaattcaggc ggggccagtg ctgtgggggt agatgttaga cgtggaaggg 240
accctagag 249

<210> 25030
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25030
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tgccagaggg ctttgctaca ctggcccat ctgcggagag tccaa 105

<210> 25031
<211> 274
<212> DNA
<213> Homo sapiens

<400> 25031
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ttggadggaa ggwakataca aaaagattgt ggtaaaaact ggggtcagtg ctcttggtgc 120
cttttctata attgtacttg ttttttaatt acttccttc actgccaacc tcgaattact 180
gtacagtata tgtctttctg cttgtgatca gctttgacaa cagtgcagc cccacaacta 240
gtagccacct gtacatttgt aaactgacct gcct 274

<210> 25032
<211> 431
<212> DNA
<213> Homo sapiens

<400> 25032
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cataaaaaaga caaatgcaaa ataaaaataa ataattgaaa tacctttctt acctgtgaga 120
ttggggaaaa tccaagttag gcaatgcact ctgttgagac aatagggaaa caggcactcc 180
aaaaattaca aatccctgtg gatgggtattt gttaactagc aaagttaa at gagtatatcc 240
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tagtatatgc acaaagatct tgattacagc actggttcta atagctacag actggaagcc 360
agccaaatct ccattgatag ggaattgatg gaaggaacta gggatatct atacaatggg 420
atactacact a 431

<210> 25033
<211> 141
<212> DNA
<213> Homo sapiens

<400> 25033
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ctattaagag tataggtgac t 141

<210> 25034
<211> 419
<212> DNA
<213> Homo sapiens

<400> 25034
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agatgatatg gtccatctgc cagcctagtt tccagtatga cagatatatt aatgatgggt 120

tagtggttaaa	ttattgggac	caactatgta	ctgagtactg	gggaatagaa	aaaaatacat	180
gaacaccaga	gacccctggc	tgggaaatat	ttaatgttca	tttatatgga	gggttttagga	240
tgaagatfff	tggttaagtt	tctatgtaca	gttttacaca	tggggctgat	ttagttttca	300
tgtacttggt	ggaggagtgw	wctttagggt	agaaatcatt	cctggagaac	aaaataattc	360
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<210> 25035
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 25035						
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agaagttaac	ctagcactga	gatttatata	aaaggttaca	tttattgctt	attaaaactt	120
tactgtactt	tcacagattc	ttcagagcat	ggctaaccga	acaagac		167

<210> 25036
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 25036						
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attgttttaa	aatacacatg	gaaaaaaaaa	aaccctatat	gcttactgtg	cacctagagc	180
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<210> 25037
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 <212> DNA
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aacttttagca	gtttgtttac	cagttattga	gtaccaactg	tggtcaacat	tggtattttca	180
ctcatatgaa	atgataaatg	tatgtgcgtg	ttatgatacg	gtcaataaaa	ccactttttat	240
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<210> 25038
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 <212> DNA
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gattgtctca	aatctccaag	acattwtgca	atgtttcttg	aataaaatct	gtgtataaat	180
ggacctatac	agtttaaaacc	catgtttgtcc	acgggtcaat	tatatagctc	tggtacaaca	240
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gtcctcaaaa	caatacccg	c				321

<210> 25039

<211> 227
 <212> DNA
 <213> Homo sapiens

<400> 25039
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 gaaatattac agcggaaagt acaaatttac aacttttatt atagaaagaa ggtgtttctg 180
 gcaatgtaat ctttactgct ctcaattaaa aataattttg aggcgct 227

<210> 25040
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25040
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 cagttggcat aatgagaaac tctgggtgta gatacagttt caatcagttc atgascattt 120
 aattacttca ggaagcaaga acgacgt 147

<210> 25041
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25041
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 aaaaatcaag gtaataaaaa acggccaact ctttcaggaa aaaaaaaatc cggtattttg 120
 tactacttga gtttctctaa tgcctaaaaat atgcatttaa atcatccac aa 172

<210> 25042
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 25042
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 attgc 65

<210> 25043
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 25043
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 gacctcgc 128

<210> 25044
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 25044
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ccactttctac cttcagaagg ctgtctcctg cgaggaccag aagttgagcc aaggcacatg 120
gaacttaca tagcagatgg taagaaccag ggcagaagga gaactcctga agcctccgaa 180
gaaggaaatc attacagggc cctacagaag taggtcatgt gctacagctg ctcatagttt 240
aagaggaaga aacatgggat ctcaaacctg gaacacgact ctttcaaat gcttgtgagc 300
aaccgcg 307

<210> 25045
<211> 73
<212> DNA
<213> Homo sapiens

<400> 25045
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ttatctttga ttt 73

<210> 25046
<211> 156
<212> DNA
<213> Homo sapiens

<400> 25046
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ataaaccaag tactttttaga gctaggaaaa ggcttagaca gcbacacaac aatggtaagg 120
agattwnvac accccactga cagcatgaga cagcgg 156

<210> 25047
<211> 121
<212> DNA
<213> Homo sapiens

<400> 25047
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aatggttctg tgaaataata gggtagaggg aggtggtttg ctgattaagt tgctcattac 120
c 121

<210> 25048
<211> 126
<212> DNA
<213> Homo sapiens

<400> 25048
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cctatgtaat ctgatgtctg ctgaccttc cagtccatt tctcaccatg ctagttcttg 120
atcccc 126

<210> 25049
<211> 303
<212> DNA
<213> Homo sapiens

<400> 25049
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<400> 25054
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tgttcatacc tggcaatatt cacttactct gctatcttta aaaactatct taaagtttta 120
agcacaatgt tgactcttct gtaatttcct aaaattatat tgttttccta cagacagctc 180
aactttcctt gatatgtaac actctaggaa aataactgcc ttc 223

<210> 25055
<211> 118
<212> DNA
<213> Homo sapiens

<400> 25055
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ttaaggctcg aaaaacgatg agagtgaagt atcgctcagca acttgaagca gtgtacaa 118

<210> 25056
<211> 153
<212> DNA
<213> Homo sapiens

<400> 25056
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cactgtatga atataccatc atttattcag tgattccctt accttagcaa tgtaagcct 120
gttggtgtaa tatgcaacaa ttaagggtcca gtt 153

<210> 25057
<211> 93
<212> DNA
<213> Homo sapiens

<400> 25057
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tttcacagtt agagctataa ttcttctgat ttt 93

<210> 25058
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25058
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tgaagtatcc aggttgggcg cttccagcgc tttctgtggc gggggaatga aggcctaggt 120
cagggaatag gaaggtgtat cgccgccaga gtgcggaaca ccctcgctt gaggggtccc 180
acagtgactt gcaaaagtct agtgagacc gagaatgctg 220

<210> 25059
<211> 194
<212> DNA
<213> Homo sapiens

<400> 25059
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tagtcaacat atntttttcc ttctttcacc tgcccattac cccaagaaa cactctttaa 120
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gaaggaagga agga

194

<210> 25060

<211> 246

<212> DNA

<213> Homo sapiens

<400> 25060

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agagacagca	agtgccttgg	caaaggaaaag	ggctggcaca	gagaacagag	tcgatttctc	180
attgtcttca	ccaatcttct	gaacccgtga	atactttttg	catgatgatt	tgaagcagcc	240
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<210> 25061

<211> 312

<212> DNA

<213> Homo sapiens

<400> 25061

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cttcccagta	ctttaagact	tttctgggga	actcaatagt	aatgttatgt	gcatgtgaat	120
taatgggtgt	gacatttttg	atgtgtaatt	acatggctca	acgtttggaa	gatctgcaaa	180
agtcggtgaa	ccacagtttt	ccaaatgata	cgaaatcatg	tacgggtaaa	agatttggtc	240
aaagtacaag	ataaaccaag	taagagtatg	aaaagttcat	tgataagggt	tcagactttt	300
acactgccaa	aa					312

<210> 25062

<211> 155

<212> DNA

<213> Homo sapiens

<400> 25062

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tgggatctgg	gaatgaggca	gtgggtggag	agagaatggg	gagacgacag	aggatgaagg	120
gcagctgagt	gtgtctgcga	gasaaggacc	aaagc			155

<210> 25063

<211> 392

<212> DNA

<213> Homo sapiens

<400> 25063

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tatatgccct	tcagactatt	gtatccgttt	ggttgctttc	cttttataaa	ggaaagtctt	120
caatacaata	caataattat	tgaaaaatga	gtagtattat	cgtttgtctc	accataattt	180
aacaaatact	tggttataga	gttgaactgg	tttatctact	gtttacactt	ttgaacggca	240
ttcaattaag	gttagtttta	gtaaagatct	tagaatctca	gatgggactt	ttcagctkya	300
ggaaattgga	atgtgtccct	ggactatgcc	catgccagag	tgccaagcta	aaagaatgta	360
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<210> 25064

<211> 201

<212> DNA

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gagaaaaaatg agaagaaatg aaaagaataa aatcaatgat gggaaaagtt gaacatataa 120
agattaaag agaaaaacaa agaagccgtc atgtaaaaat agtatttgtt gggcttattt 180
ttctaaaaag cagtgcacat a 201
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<213> Homo sapiens

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acatgaytct  gcctcagctc  gggaatgggc  agcctccagc  tggggatttt  ctagccggag      60
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gtggcg                                     126

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<213> Homo sapiens

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aatgtacgta gtctacattt taaatctctg atataagatt gc 102

<213> Homo sapiens

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ctgggattac	aggcgadtgc	caccacaccc	ggctaatttt	tgcatttttta	atacagacgg	180
gtttcgccat	attgcccag	ctggtcttga	askcctgacc	acctggctca	gcctcccaaa	240
gcactgggat	tacaggcata	agccacagtg	cccgcaga			278

<213> Homo sapiens

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gaaaagatta attttttagc agcttttg                                     147

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<213> Homo sapiens

<400> 25069
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 tcctg 125

<210> 25070
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 25070
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 tatacacaca cagwgatatr tacatatggm tgtacttttg catagatcaa acagccaaac 180
 acctggaagt attagatata agtttaaaat atcttttata ggttttatat aaaaatgtct 240
 gagtatgatt ttgtgtgaaa gttctgatac cagttgtaat agagtcaaat ttatgtgagc 300
 aataaagaag aa 312

<210> 25071
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 25071
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 cccctcatc tgtccccgcc gttccccctt ggaagctgcc ccaggcacac ttccccgctt 120
 ctttccagtc tcctctctc tggttctccc gacaccgga cca 163

<210> 25072
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 25072
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 gggagagcat cagcataaat agctaatagca tgcagggctt aatacctagg tgatcagttg 120
 atagcaatat gctttgataa gatttgccat agtgaggtag gtctttcttc ttcaaagtaa 180
 gaaaagtgtg gttagataag agaataaggca cattatcaga tcaattttag atgtgtctga 240
 aagctganga atctggaaat agattccctt aaatatgtgc atg 283

<210> 25073
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25073
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 gattatttta cttatgatca ttccaattt agttggggta ataacctgat cagttatata 120
 cattgcactc attcattctt cagcaaacc 149

<210> 25074
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 25074
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<210> 25075
<211> 117
<212> DNA
<213> Homo sapiens

<400> 25075
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tggtttttat cctgggggaa ggatcgggtg aatgtgaggg gaggtggaag agatggc 117

<210> 25076
<211> 181
<212> DNA
<213> Homo sapiens

<400> 25076
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cagtggttct caaagtctgt tttttagacc agcagcatca gcatcacctg ggaaactgat 120
aaagacacaa atcctagggc ccaccacag ccctcctgca tcagaaactc tagaggtgtc 180
c 181

<210> 25077
<211> 320
<212> DNA
<213> Homo sapiens

<400> 25077
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ggcactgacc atgctgagcc acagcnggtg aagatggcgg tggcacactg acgtcacttc 180
cgctccgagc ctccggccgg gtggggctcc agggcttgag tttcaggyac gtaggacaaa 240
gaaatttctag tttcctcctg ggtgggtgcc ggacghtgcc tgggggttggc tcaggggagcg 300
ggatgcagaa acgggcagcs 320

<210> 25078
<211> 214
<212> DNA
<213> Homo sapiens

<400> 25078
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tgctatagaa tacatttaca ggaatgttta ttgcaacatt gtttaaaaaca agagaaaaaa 180
acagaaacaa agtaaattgt caccaacagg agaa 214

<210> 25079
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25079

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ttaaccccag	ttaataacca	cc				142

<210> 25080
 <211> 143
 <212> DNA
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atgaagccaa	gccgctggac	cct				143

<210> 25081
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 25081						
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ccgggcttcg	gaagaaagca	aaactagcct	tgtggcgaag	aaggagccca	gctggcccca	120
ggctgttaag	actaaggggt	cgagggaaaa	gaggcagagc	ctgaaaccaa	atctgcggas	180
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aggaagcgcg	caagacgtcc	gccgcagtgt	tttgtggatt	aactcttcat	tgattatata	300
caacaaaaaa	tagttatggc	gactttcaga	aacaatcaca	tgaagactaa	agcatctgtc	360
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<210> 25082
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 <212> DNA
 <213> Homo sapiens

<400> 25082						
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gtgggttctt	ccatgtgggt	agtgagaagg	aacagtggag	aaacagcaga	gccaggtcag	180
ggaatgctgg	tgacatttag	cctcagtgtt	cggggcgcga	g		221

<210> 25083
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 25083						
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gtcagctccc	agccatgtct	tgagtagcct	ctggagcaaa	gaaattgtga	cccacagcca	120
tgcttctggg	ccatcctgga	caagaatcct	tcagcgtcas	caagtgtcag	atgccataac	180
cccatggtaa	cctcctgaga	gaccctgagc	ttc			213

<210> 25084
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 25084
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caaaatggac tccttcttcc tatcagctct agaacccag a 101

<210> 25085
<211> 234
<212> DNA
<213> Homo sapiens

<400> 25085
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gtagttttatt tcagatggga tagcctcagg gaaaatttga agttctatta aattttgtaa 180
aaaaaaagaa aaacatattt tgtgttttagg aacatatatg ttacagccat caca 234

<210> 25086
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25086
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ggagacttca ttggttaagg gaattttgtg ggtagaattg ctaagactag aaatctcatt 120
gttggttcaa agagagaaat aagttaacca cgtgttctca cctgaatata ggatgctttg 180
ctttacaagc ttaaataata cccggata 208

<210> 25087
<211> 354
<212> DNA
<213> Homo sapiens

<400> 25087
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tctgcacctg cagttgctcc ctttaggggtt ataaaaataat gacccaaatg ttacatgtgt 180
tgatattata acttgctcagt tactgatgtc tgtggtatcc taccctcatc tctgaaaggg 240
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<210> 25088
<211> 352
<212> DNA
<213> Homo sapiens

<400> 25088
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atgactacct atagcctgtg aaaatacatt tcraaaaaatg ttatgtgcaa tgaacactaa 180
atttaagagc agttacagtg tgactcactc atgttttaaaa aaaatcgaag agctaaaaaa 240
tacgtctaata ttatgtaacc cattggaatg tattttctagg ttctcttcag gattaattaa 300
ataaacatgc aatttatgaa aacatatata caattattta tcacttttat ga 352

<210> 25089

<211> 185
<212> DNA
<213> Homo sapiens

<400> 25089
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cagaaatgta aaatgaaaaa ggatatttcc tttcacagtg ttaccgagaa gtcataataa 120
tttcgtttgt tcttcagat ttaggcataa acttatttaa tcaataatgt gttacagct 180
gacag 185

<210> 25090
<211> 256
<212> DNA
<213> Homo sapiens

<400> 25090
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aattagatcc catttgtcaa ctgtggcctt tggtgccatt gctttgggtg tttagacatg 120
aagtccttgc ccatgcctat gtcctgaatg gtattgccta ggttttcttc tagggttttt 180
atggtttttag gtctaactat taagtcttta gtccatctta aattaatttt ttataagggtg 240
taaggaaggg atccat 256

<210> 25091
<211> 216
<212> DNA
<213> Homo sapiens

<400> 25091
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gcaccccaagt ccttccttgg cagctcggtt tccctcagck ccaactcttc tcttcgctc 180
ctgcctcctg tcggattttt aattttctgct caccct 216

<210> 25092
<211> 300
<212> DNA
<213> Homo sapiens

<400> 25092
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agcaaattga agagggatgc tgccaaaaca aatacagaaa aaaacaggga agtggcttgg 180
aaacaggcag tgggcgaagg ctaggattcc gaagagtgtg ttggagcaag actaaattgc 240
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<210> 25093
<211> 292
<212> DNA
<213> Homo sapiens

<400> 25093
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atcttgctgc tgctcacttt ttgggtccac attgctttca tgagctgtac cactcaccgt 120
gaagatctgc agcttcastt cagagcctag cgagaccag agctcactga aaacaaacaa 180

<211> 152

<212> DNA

<213> Homo sapiens

<400> 25099

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tcatccagcc	cctatgtcat	tggttctcaa	agtgtggten	ccagaccagc	agcagcagca	120
tcacctggga	acnhgctgga	aatgcctgaa	ca			152

<210> 25100

<211> 371

<212> DNA

<213> Homo sapiens

<400> 25100

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gctcttcgcg	aagggagagt	caggatggac	tttcttcatt	tggacagccg	ctctggttta	120
aagatctgta	caaacctctc	agtgccacaa	gaataaataa	tcatgcatgg	aagctgcaca	180
agaagtcata	taatgaggac	aagatcctca	acagggaccc	tggggacagc	gaascccaac	240
ggaggaggag	gagagtgaag	ccctgccata	ggaggagaac	acagcccacc	tcaggcctcc	300
tgcaaaaata	catagaataa	acaacaacag	ttactaaatg	aatgaaaatt	gtgattccga	360
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<210> 25101

<211> 119

<212> DNA

<213> Homo sapiens

<400> 25101

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atcttttctc	cccttttatt	tggttctctg	acacttttgt	gaaaattacc	tagcctgat	119

<210> 25102

<211> 108

<212> DNA

<213> Homo sapiens

<400> 25102

cagccantca	gaggaaactg	ttttctcttt	atttgctmat	atgttaatat	ggttttttaa	60
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<210> 25103

<211> 260

<212> DNA

<213> Homo sapiens

<400> 25103

ccccacatta	cagttttataa	actgaagttg	ggcaaaaata	ggaaatgtgc	ctaagggtcat	60
ctatctagag	acggagctta	tatccaaact	cttgtcagcc	tgactccaaa	aatgggtctt	120
tttccacttt	cttgcatcct	gattacaagt	atctcttcaa	gcatcagggtc	ttctttttca	180
tcatttcagt	gttatttctca	gccccaaaag	gcaccccttag	gttactaaaa	acttaaagag	240
aattttatttc	cccacccac					260

<210> 25104

<211> 106
 <212> DNA
 <213> Homo sapiens

<400> 25104
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 ttctctcttt agctgcctaa cccttatgta tccttctggg cccata 106

<210> 25105
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 25105
 caaaaatctt taacatcaag tatctgttta ttcaaatag tgcatagttc aaagcaacct 60
 tgattcctta aactagatgt ttttctgttc tttaatgaaa acagcctgaa cgtggttatt 120
 aatctgagtc tttctccatt ctgaccaccc cactct 156

<210> 25106
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 25106
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 ggtggggata ggagaaggct gatgaatgtg gagaaaagaa gatggag 107

<210> 25107
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25107
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 ncagctactt gggaggctga ggcaggagaa ttgcttgaac ccggaaggcg gangttgcgg 120
 tgagccgaga tcatgccact gcactctagc cccggcgaca atgtgagact ccatctcaaa 180
 aaaaaaaga aaaaagaaaa catccccgt 209

<210> 25108
 <211> 183'
 <212> DNA
 <213> Homo sapiens

<400> 25108
 tttcatgtga ttctggaaag atttgcaaca cctgtttcca aagaaagcaa gaaatatatt 60
 gcatatTTTT ctccccaaaa tgtatTTTgt ccaaactgaa ttggacacag agaacattcc 120
 ttaagTTTgg aataaataaa ctttctgaaa actgctcagg taacaaagta gtaaagagcc 180
 cga 183

<210> 25109
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 25109
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ctgcctctta acttaaaaga acataggaat tttgtttttg gtttctttat catgctacag 120
agagtgaata cactggaatt cagacaccga ctctgagctg ctaggaacct catttgtcca 180
tgtgcaaacg ctgtattcca aggcctgtga atggcagcct gaggaagttt tgcattgcagg 240
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<210> 25110
<211> 202
<212> DNA
<213> Homo sapiens

<400> 25110
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cccaggacag gaatgcgggtt caaacccagt ggcttgaaac ttcctgagaa actgtagcat 120
atccagcccc ctaaaatgta caatgtaact tgttcagtcg aacaaaaaca gggttccttat 180
gtttctgcct tctccagcca aa 202

<210> 25111
<211> 232
<212> DNA
<213> Homo sapiens

<400> 25111
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actgagtata aagtgttgct gcactgggat tatggtaaat aggcaaggga gaataagaaa 120
gtcttcagga aaactactct gaactacctt taccctaaaa ttattgctgc ctacagctat 180
agaaactcaa aaggaagaca ctaataaatc ccagcagatc gaggggccac tg 232

<210> 25112
<211> 136
<212> DNA
<213> Homo sapiens

<400> 25112
agtaggacgt aaagtaggaa ttgtaaaacg gaaatactct ttatataaga aagctctact 60
gtatgtcaga aagcaatgta atagatagac caagcacagt ggctcacacc tataatgcca 120
gcactttggg aggcca 136

<210> 25113
<211> 73
<212> DNA
<213> Homo sapiens

<400> 25113
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gcaaaaaaaaaaaa aaa 73

<210> 25114
<211> 312
<212> DNA
<213> Homo sapiens

<400> 25114

cgttattctt taatactcac agagccnvct tatattgctk kctctctcta tgatcaacat 60
aataatggaa actgagaatc ataacaagtg taagaractc acccaggagg taagarataa 120
tataaatatg attaggattt tttctgattc tgtagtctat gttaaaccat attgatctgt 180
gctgagctca aaaagtaaaag gcactttgaa ggcatagaatt ggaacactgc aaagatgaga 240
aagccatctt cacttcctgc ctttgataatt agttttaata catgagtaag tgtgaataaa 300
tcataataaa ta 312

<210> 25115
<211> 164
<212> DNA
<213> Homo sapiens

<400> 25115
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tttatttttt tgagacagat tctgttctgt cacgcaggct ggagtgcagt ggcatactct 120
gagctcactg catcctcctt cctgggttca ggccattccc ccac 164

<210> 25116
<211> 97
<212> DNA
<213> Homo sapiens

<400> 25116
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tttcgagatc ttctccgccc ccgctaccgg cgccctg 97

<210> 25117
<211> 269
<212> DNA
<213> Homo sapiens

<400> 25117
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tctagcaaaa gaaaattcct agtgtgatac agctttactc tttgtttgac tttgtacaag 180
gtccacaaaa ggaggaggct caaaagattg gacactttac cctgacattc agcacattca 240
ttttatcttt cgataaagat aaccagaac 269

<210> 25118
<211> 115
<212> DNA
<213> Homo sapiens

<400> 25118
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aataatatat tcttattctc attgtttgaa acctgtcttt gaaattagca ccggg 115

<210> 25119
<211> 274
<212> DNA
<213> Homo sapiens

<400> 25119
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ataaatggta tacttttatg gtaagccaac ttctgtaatg aattgctccc atatttcagt	120
gatttaacac cacagattta tttttaactt attctacatg gcacgggtgt ttctgggttg	180
acagctctcc tccactgtcc actccagctc ccaggcttct tttattttca gatggtgata	240
gcctcatccc agcatcataa agtttccggt catc	274

<210> 25120
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 25120	
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cagaaaaaaaa cactcagtta cctaagccta aagtgcaggg ttgataaaga atggtagaag	120
atgaggttgt ataacaggga tga	143

<210> 25121
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 25121	
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tggattctag ctgtgtgtgt gttatatcct gttactgttg agvcacagag gcgggagtcg	120
gcgggggaag atatgtgctg agattagtca gcctgccctc cctctcccc aagaaactca	180
ggccccatct ggggagagtg agaacttaag aaacttgaga cagggaagga gagccgggag	240
cagccaaaac ctgctaagtc tcagaagact ggtttctgca caagggaatg gaagaagtga	300
ctggagcaaa tccagtttgc tgatgacatg caggagttca ccaaattccc caccaaaact	360
ggccgaagat cttbvtctcg ctcgatctca cagtcnncac tgacagctac agttcagctg	420
catcctacac aga	433

<210> 25122
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25122	
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atcactctca aatataaatt aaaatataac actcctgaat gcctgaggca cgatctggat	120
tttaaatgtg tggatttcat tgaaaagaag ctctccacgt	160

<210> 25123
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25123	
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ggtctctctc tctgttttgg taccagtacc atgtgtttt gggtactgta gcctttagt	120
atagttggaa gtcaggtagt gtgatgcctc cagctttgtt cttttggctt ga	172

<210> 25124
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25124
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 caagcctggt ttttaactgt aatggacatt actatatccc taactattca aggagagtct 120
 tagctcatgg acatgtacaa cggagtcact tacattaagc ctttaagccac atctgtaaat 180
 tctcactggt aacagaatcc ctgtggctct ggggctgtgt gttgcacctt gttctagcta 240
 tttctcaaag atttaattca gcacgag 267

<210> 25125
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 25125
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 atacctgcag atgtggaagt gactttggat ctgggtaatg agcagagaga ggttkgaaga 120
 gtttgagag ctcagaagaa aacaggaaga tgagggaaag tttggaacat attagacact 180
 agttaaatga ttgtgaccaa agtgctaata gaaatataaa tagtgaaggc taggcttaca 240
 aggtctcaga tggaaatkcg gaagttattg ggaattagag taaagggtcac ctgtgctatg 300
 ctctagcaaa gaa 313

<210> 25126
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 25126
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 gacactatgg agaattctata acaaatatag gcaaagcaag catattaggg gctgctagca 120
 ttggaaaggg acttgaggga atgttgttct caagatttgg acgttcatct acaacacagt 180

<210> 25127
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 25127
 aaaatgtagt agtgatacct atatttccac attgtgcatt gtgacacact tgtctagggg 60
 tgcttggaag tgtataaaat tggactgcat ttcttagagt gttttactat agatcagtct 120
 catgggccat ctcttctca gatgtaaatg atatctgggt aagtgttata tggataaaag 180
 tggacgg 187

<210> 25128
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 25128
 aatgataaaa acacaactgg actaattctg aaagtaaact tggatttgaa tagagtttct 60
 ataaactgag tactaaacat ttgaaagat taacaataat gagaaaacta accatgaatt 120
 tttcttggtt tcagggtat 139

<210> 25129
 <211> 196

<212> DNA
<213> Homo sapiens

<400> 25129
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agtcctttta ctcttttagag attggtggas sysgtgatgg atccargtcc ccaggwtatk 120
ataatgtatt ttaaagccta gagaaatggt actaatgatt aaaacattta ttgagcattt 180
tctgtttgcc cggccg 196

<210> 25130
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25130
catatattta agagttttct ttctgtcatt tatgaagaat aaggaatgta ttatggaaaa 60
gagggatgatc ttaagcaacc ctgtaaaaaa tggtaaagat ttttactcag tgtgtgctga 120
aacactaaat taaactagca gc 142

<210> 25131
<211> 238
<212> DNA
<213> Homo sapiens

<400> 25131
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tagttgaaat ttttaataga atcaaggcac aaaagtctta aaaccatgtg gaaaaattag 120
gtaattatct cagattgatg tctctcaatc ccatgtattg cgcttatgtt acaagttgtt 180
gtcacagttg agaskaatt tctcctaatt tcttctgccc gaaggntaag tgggtcgt 238

<210> 25132
<211> 114
<212> DNA
<213> Homo sapiens

<400> 25132
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attttatggt tttcatatca gtcgtttcct ctattagctt tttttttcct tttt 114

<210> 25133
<211> 397
<212> DNA
<213> Homo sapiens

<400> 25133
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aatctttttg tatgtgtctc ctgtgtggaac tctgcaagta cttagtcaag gagtccagta 120
agtgaagggt ctgggttaaa atttttatag atgtggccac attaccatcc agagtgggtt 180
tactagtctt tgctcctgat agtgtatata cgtgcctaatt ttactttgtt ctcactaata 240
cttaactatt ttcagtactt gaaaatgtga tattattaaa atbnnngattt gtgccaatct 300
ggctgaattt cccaattgc tatttagtac taggttgagc agcttctcat atgattattc 360
actgaccttt tacattttat cctctgggaa tnrmgag 397

<210> 25134

<211> 411
<212> DNA
<213> Homo sapiens

<400> 25134
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gacagtatca acagttaaaa ggtaaccag agtatgggag aagatatttg caaaccttat 120
atctgataat ggatcaatat caaaatatat aattaagaac tcaacaatag aaaagcaaca 180
tgatttttaa atgggcaaag gacttaagta gacatttttc caaagaagat acgccaataa 240
gcacatgana agatgcttag catcactaat catgacggan atgcaaata raactacagt 300
gagataccac ttcacacaaa ttaggatgac tgctatttaa akagaccca ganaatvagt 360
gttggggagg atgtggggaa rttggaagcc ttgtgactg cgtggacgtg t 411

<210> 25135
<211> 436
<212> DNA
<213> Homo sapiens

<400> 25135
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cttcagagaa attcagaatc tactgaaatg ctttgcaatt ttcataaggct tttggacatg 120
tgcttttttc tggagagaat attcatagct tttgttatta ttcaaataga ttcttgacac 180
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tacagaaacg crctctgct ttcaagaagt gttatgcaaa traatgctac crtacaatag 420
ttcctttgta ttttta 436

<210> 25136
<211> 186
<212> DNA
<213> Homo sapiens

<400> 25136
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caggctggag tacagtagca tgatctcggc tcttgcaac ctccacctcc caggttcaag 120
caattcttat gcctcagcct cctgagtagc tgggactaca ggcgtgtgcc accatacccg 180
gctcgc 186

<210> 25137
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25137
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tagatttaag tactgcttc atcactcact agccttgtag ccttggaaca gttatctccc 180
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attgagtttt tgtgagggtt garagarata attatgtaaa acgcttaaca caatccttag 300
catatagggg cgtcag 316

<210> 25138
<211> 283

<212> DNA

<213> Homo sapiens

<400> 25138

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cctcatgac	tgctgcctt	ggcctcccaa	agtgcctggga	ttacaagcat	gagccaccac	120
gcctggctga	cgcacaaagg	ttcttagttt	tgatgaagtc	cattttttcc	ttttgttgct	180
tgtgtctcca	cttatttttt	taaattatga	gcataatatta	ataaaaaattt	aagataaaca	240
gttgaggcac	tgagaagctg	actggcagtt	ttgtgtgggt	aat		283

<210> 25139

<211> 324

<212> DNA

<213> Homo sapiens

<400> 25139

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gcagtttggt	tcaactgattt	tcttttactc	ttttgttttt	ctgttttcaa	attcattgat	120
gtttgtkctt	tatkatcttc	ttctgtctgc	ttgattctca	gtttatactg	ctcttctttc	180
cctaggctct	tgacatagaa	ttttagatca	tttatttgaa	tttkttattt	tttaattgat	240
atatgtagt	ttataaattt	ccctctcagc	actgcttcag	ctgtgtccca	caaattktga	300
katgttgtat	tttcatttkc	atcc				324

<210> 25140

<211> 174

<212> DNA

<213> Homo sapiens

<400> 25140

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tcctcatata	ctgttggtag	gaacataaat	tagtccccca	ctatggagaa	cagcttagat	120
gttccttaga	aaactaaaaa	gagagctacc	ataaaatcta	ttaatccac	aagg	174

<210> 25141

<211> 190

<212> DNA

<213> Homo sapiens

<400> 25141

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taagggagag	tctgcaactg	tgttttgacc	ctgagcatgt	ggcttgatag	ccattaagat	120
taggagtgtt	gagagcagct	attgtcctga	tgactcagca	ggaacccctg	tgttagattr	180
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<210> 25142

<211> 311

<212> DNA

<213> Homo sapiens

<400> 25142

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atatgtggat	ttattttctaa	attttttcaac	tgagataaaa	ttcacataac	ataaaattca	180
acattttaac	catttttaaag	tctacaattc	agtgggtttt	agtatattca	cagtgtttta	240

catgttgatt ttgacttggga cttttatatt tgaaaggaag gaagaatatt aagccacaat 300
ccagagaccc t 311

<210> 25143
<211> 468
<212> DNA
<213> Homo sapiens

<400> 25143
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aaaactctaa aagttagatt caggagccct tgggtctcat ctgcctttac ctctgagtaa 120
ccatattacc taggctcatg ccccatacct gggcctcaat ttctgtatcc ttaaaaatag 180
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aagtagatag tamaatatgn bgttgatgtt gatatgatga cctctttcat cttctgcttc 300
ctatgttatt atcttcatag tagatcttgt atcagtattg aatctcccca atcctcttcc 360
ktctatttta ctctgcctgt kttactttaa tgatactacc actactgctg ctgctactac 420
tactactact gtctaccatt tattgagacc tactgtttca gaacagga 468

<210> 25144
<211> 470
<212> DNA
<213> Homo sapiens

<400> 25144
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tccagaagag attagtgtat aaatctgagt gtactagggt gagactatct gccctcaatg 120
ttggcgggca ccatccaatc agccagtggc caggagagaa caaatactta agacaaaatg 180
ggctgggcat ggtggctcat gcctgtaatc ctagcacttt ggaaggctga ggtgggtgga 240
tgacctgagg tcaggagtcc gagaccagcc tgaccaacat ggcaaaaccc tgtctctgct 300
aaaaatacaa aaattagcca ggcgtgggtg tgacacacct tagtcccagc tacttgggag 360
gctgagacag gagaattgct tgaacccaag aggcagaggt cgcagcagtg tgscaggat 420
cacgccactg tattcagcct ggggtgatagc tgagactctg tctcaaaaaa 470

<210> 25145
<211> 206
<212> DNA
<213> Homo sapiens

<400> 25145
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gcctcatttg ctgggatcat gggcggttct ggggttaggt gagaccttta gggagcattt 120
tatactgttg cgggcctggc ctctgcagga ggtcactgtt ggggaagtga ttcagcgagc 180
ccagccggcc ctgagccagg ggccca 206

<210> 25146
<211> 380
<212> DNA
<213> Homo sapiens

<400> 25146
tgtctttttt aacatgatat gaattacttc tatgaaaggt gaaggaattt ttagtatact 60
catcctcagt agaattctca aggacagcca cgtttacact gggattcttc cataaagtga 120
ttcccagttt gataggagca tacagatgtt ctttcatttt tgtccattcg tttttctcca 180
gccaaagtag attatcttct gccctctagt ttgattggca ggtaacatat gaatgctttt 240

tcttcatgag	gtgagagttt	ttccttgtat	atggagaact	gagataattg	ctcataaccc	300
tgaattatgg	gggcccaatg	tcacagtgg	aactaggagg	ctggacgtga	cttggtgaca	360
gatgatacgt	aagaagcagc					380

<210> 25147
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 25147						
acagaggaga	agtcaagtgt	gtggacaggc	aagctcctaa	taaacagagt	ccagtgggat	60
tcctatttag	gagccaagga	gtactttgga	acagtacaaa	tatattgctt	taaattggaa	120
gacgctggag	gcactgggat	gtgatatgcc	cctctctctc	ccaaac		166

<210> 25148
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 25148						
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cagaaatttc	tacagttcaa	acttgagct	cgcataacag	gttgtgatcc	ttttaggcca	120
gccagaagga	agggaaaagg	ggtatttggg	ttcccaaata	aaagacagtt	gcttggcccc	180
tgctttgtgt	tttaagtaac	aaataatttc	atattctttt	ctttgttgct	cacatctacc	240
ataatacgac	ttaaaaagtc	tgtcttattt	tcgggtgaga	ggtaagggtg	ttggaatagc	300
cttttctctc	agttaaaact	tgtgaatgtt	atctgtgttt	aactccaagt	ttgagactga	360
gagtggggca	aatgaagcct	ttttccacta	attcctgtgt	tttatgtgaa	tcctctctaa	420
agc						423

<210> 25149
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25149						
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aagaagaaga	tattgctgtg	ttggcagagg	agaaaattga	acttttgtgc	caggaccagg	120
ttttggatcc	aaatatggac	cttcgaacag	tgaaacactt	catatggaag	agcgggtggag	180
acctcaccct	ccattaccgt	cagaagtcca	cgtgaaggct	gggctaattgc	tcctggatat	240
tcatttacga	ccttccctcta	tggccca				267

<210> 25150
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 25150						
taggtggaat	gttaatttat	aactattgct	acattttaca	agtaggctgt	gttccagtca	60
tggaggctcg	aaagtgtaac	tggacaaagt	aagctctgtt	ttccattatg	tagaaaatct	120
cctag						125

<210> 25151
 <211> 283
 <212> DNA

<213> Homo sapiens

<400> 25151

ctatgtgaat	acttaaatat	gtctttaatg	gattgtgggg	attttagtct	tttcagattt	60
tttctttcct	ttatatgaga	attatattaga	ggaagttaaa	cttatatgaa	gaggaagaat	120
acttgtaact	atatatttct	cagaagaaat	tattgggcac	ttttggctgt	tttgatggta	180
ttgggaaaag	ggaagattat	tctattaagt	tttcatataa	aatctcttta	tttttgtttt	240
tcaaagtttc	tcagctgtcc	ttaatactta	tgatccaata	gcg		283

<210> 25152

<211> 441

<212> DNA

<213> Homo sapiens

<400> 25152

attttcctgt	tctggacatt	tcatataaat	ggagtcacgc	agtatgtaaa	tccttcatga	60
ctagcttaac	ttaccataat	gttttgaagg	ttcgtccctg	taacgtgtat	cattattact	120
ttctttttat	gactgaataa	tattctaaag	tgtggtaagg	atatgacatc	ttgcttacc	180
attcatcagc	tgacagatgt	ttaggttggt	tccatttttt	ggctactgtg	aataatgctt	240
ctgtgaagat	ttatgtgcct	gttttagtgt	ggaaatgttt	tcatttctgt	caggtagatc	300
tgaggagcag	aactggagat	tatacgctaa	cattatgttt	aaccatttca	ggaactgcca	360
gattgatttt	cacagcaact	ggaccatttt	acattccac	tagcagggtg	aaagagtttt	420
tatttctcar	catccttccc	a				441

<210> 25153

<211> 104

<212> DNA

<213> Homo sapiens

<400> 25153

ttaagtcttt	ttcaccacaa	atttaagcag	tggatgatgg	gtggcaggaa	aggtattgct	60
ttatttcttt	caagttcatg	ttgattataa	actgtagccc	ctaa		104

<210> 25154

<211> 227

<212> DNA

<213> Homo sapiens

<400> 25154

tttggacttt	ctagatgctt	cttaacccat	gatttaggtg	agtaaacttg	gaaaaatgtt	60
tttgcaaaac	ttgatgatca	agctgaacgt	agaacgatat	tcctaattgg	tgtgtttgcc	120
ttttttcccc	cttttgagac	aggtgtcac	tctgtcaccc	aggctggagt	gagtggcatg	180
atcatgcctc	gctgcgtact	tgacctcatg	ggctcaagcg	accctct		227

<210> 25155

<211> 430

<212> DNA

<213> Homo sapiens

<400> 25155

tatttaactt	gggttctcct	tggtatgatt	aatttagaga	gaaaggaatc	tgagaatgct	60
gttgacctca	tcattccttc	acatgttcca	cttttttagt	ctctcatttt	aacttaatga	120
aggaaagtca	tagggagaaa	aaagagagag	aaaagaagat	aaggctgtga	agagagaggg	180
ttgttttaag	acctcacgtt	gaacaatcag	ctaaatctgc	attgaaagca	agagaaatag	240

ctcaaacaca ggtttatagt attttctttc tgagagtaaa cattgtgcag tadaaggtcc 300
 ttcacatgct atggttcata cactggcatt tcatgaagca gtagggagca gagttaaccc 360
 caccaagagc actgcagtgc ggccttcctt cccagccccc gttccagcac ctctttccat 420
 ttcccgaactt 430

<210> 25156
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 25156
 ctgggattac aggcatgaac caccttgacc agctgatagt ggctttttaa taatgttggg 60
 agctacttaa atggctggtg tgcttctctc gtcacataat aaaaacaaat aactgttgag 120
 ccactgcacc tggcctaaag acttttttca aagcataagc acagtaccc 169

<210> 25157
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 25157
 ctttcttttg aaccagcaga cagatcaa atgataatt ctctggatat ggggctttga 60
 aggagctcca accctgttct ttcctctcca attgctgcta ggctgctggt tttcaccttg 120
 attgtgagga gaggtggtgt gaatagagca agttaa aatg ccact 165

<210> 25158
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 25158
 aacttctca tcatggaaac ttccactggg ttcggcgctg aggatgccaa actccatttc 60
 acaaggaaca tgtcaacagc tgggcttggg gtttgaggaa cagagccgct gcgattggaa 120
 cagagcccgg ccacctgtt ccaccactgt ccaactccgta gctcccagcc tgccgcccgg 180
 cggtgcccga acacgagagg gcacctctc ccagatccgg ggcgcagaag ccccgccggg 240
 gcaggtagaa gattctgagg ccctgggcgg gaactagtaa gccacaatct ggaagagtct 300
 tttaccacca tgtggaggag aactagagca ctcatgttga agctattacs ggagaaaagt 360
 aatcaacttc ttttgtgta agtcaactgar aggcaagtgt tgatttggtg cagtaattgg 420
 tgctcc 426

<210> 25159
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 25159
 catgtattgg ctcaaggtat aaaatagtgt aaataatgct agttgacatt acatttcaac 60
 caaatgaaag tattaacttc ataaaacaaa tatattgaga gcgtgt 106

<210> 25160
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 25160
 cgttgccg gctggtctca aactcctgaa ctcaagtaat ttgcctgctt cggcctccca 60
 gagtcctggg attacagtcg tgagccatcg cgcctggccg tgatagaaac tttcagctga 120
 ggagtctata tgccatacta ctctatgtgg catcttttagg tctctgtgaa atcatgttga 180
 tgtaattgat taacaaaaat aatttagaaa atacgtcagg cacagttgat ggcttctcaa 240
 tatctgcttt gcatttttaa acaaatcaag aatgtaattt taacttttgc ttatgggtcat 300
 tcttatgact acacggaaag ggatggact 329

<210> 25161
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 25161
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 ttgtctgatg gctgtggcta ggacttccag tactatgttg aatacaagtg ataagagtgg 120
 gcattcttgt cttattgcag ttctcagggg gaatgcttta aacttttccc tgttcagtgt 180
 aatgttggct gtgggtttgt catagatggc ttttattaca ttgaagtatg tctcttgtat 240
 accgattttg ttgagggctt taatcataaa gggatgtggg attttgtgaa atgcttctgc 300
 atctcctatg atttttgttt ttaattctgt ttctgtgata tatcacattt gttgacttgc 360
 atatgttaag csatccttgc attcctagta tgaaaccac ttgatcacat catggca 417

<210> 25162
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25162
 caaatattaa ttggaaggt aggttgttga aagaggaaga actgcgaaaa gaggaagtcc 60
 aaactctgca agctgaactc gcttgttagac aaacagaagt taaagcattg agtaccagg 120
 tagaagaatt aaaagatgag ttagtaactc agagacgtaa acatgcctct agtatcaagg 180
 atctcaccaa acaacttcag caagcacga 209

<210> 25163
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25163
 attagccggg catggtggtk ggccgctgta atcccagcta ctctggaggc tgaggcagga 60
 gaatcacttg aaccggggag gcggagggtg cagttagccg agattgcacc actgcactcc 120
 accctgggca acaagagcaa aactccatca caataaatta rataaataaa taaataaata 180
 aacctcataa ccagctta 198

<210> 25164
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 25164
 tgaccttcgg cagtggctgg gggactgctt tcagtgcctg ctgttcgtga ctcagaaaca 60
 gaagaaaaac actgagaaaa agcattaaaa ataagccaaa ataagactat tggtaaaccac 120
 ctaaattttt gtaagaraat ttaaaaaatta aagcagcaaa g 161

<210> 25165
<211> 169
<212> DNA
<213> Homo sapiens

<400> 25165
ctgggattac aggcattgaac caccttgacc agctgatagt ggctttttaa taatgttggg 60
agctacttaa atggctgggtg tgcttcctct gtcacataat araaacaaat aactgttgag 120
ccactgcacc tggcctaaag acttttttca aagcataagc acagtaccc 169

<210> 25166
<211> 137
<212> DNA
<213> Homo sapiens

<400> 25166
gacacacaca aacacatttc aaacatgttt tatgtttaag ctcaatattc aaacacagaa 60
atataacatc tattcttaat atgttttatg taagtacagc agcagcatta ttaaatactg 120
tatttctatg gtgaaat 137

<210> 25167
<211> 238
<212> DNA
<213> Homo sapiens

<400> 25167
ccaggcaggt ctcaaactcc tggcctcaag tggctcctct gcctcagcct caggcatgat 60
ccactgttcc tggccttggc tatgtttttg agagacaggg tctcattctg ttgctcaggt 120
tgggatgcag tggtgagatc atagctcact gcactcttga cctcttgggc taaagtgggt 180
ctccacctc agccccctga gtaactggga ctacagggat gtgccagcat gccagcc 238

<210> 25168
<211> 236
<212> DNA
<213> Homo sapiens

<400> 25168
taacattaca gtttgggctc ttggtgccca atgattgatt tatctatagt atagatttat 60
ttctcacagt acctcttgga atgctcattt ttaaccccaa tagttaaatt tgccttgga 120
agctacaaaa acaggcacca aagcagcaat gttttttagt tttctgttga ccataaatct 180
cgtttcttta caagtagtaa ttctaaacag agtatacctt aaccagccag atgcac 236

<210> 25169
<211> 399
<212> DNA
<213> Homo sapiens

<400> 25169
ttgaactgat ttcataagca atgtaattgt ttttgaatag gaggagcact gtatgacgaa 60
aaaggcaatt taaggagata tgtttgccat gctgctctgg atgctgtggc agtgagagaag 120
taactcgggtg gggaggctcag ctagggaagg tgtgtttaat tgatctgtgt agtggctaata 180
tcgtaggacc cgcttgggct cagctgctga cctggaaata agaaagtggg aggggaattat 240
gacagggctt ggtggttgac cagacaaaaga caaaggaatg gtgtaaacac tgaagagtgg 300
tctgatggtt ctgtttgctg aagaaaaaaa aagtgggttaa aggactagtg aaatcaaaga 360

aggtgatttc aacctttcct tttactgagt ttgaattgt 399

<210> 25170
<211> 234
<212> DNA
<213> Homo sapiens

<400> 25170
cataatagct ggtgttaatc ttgtttatca aaagttacct tgtctgttta ttacctttat 60
gatgtaaaag gtgaacgta acacaggagg gagctggtga gtgatttggt ttaactttca 120
tgcttgagat tgaaataaca acatttcctt ctttcttcct tggggagctg taagcagtgt 180
tgcctagaaa aaggctgctt tgggaggaaa atggaaggat taggggagga ggcg 234

<210> 25171
<211> 77
<212> DNA
<213> Homo sapiens

<400> 25171
tagggatgtt taccctatag tgtttaccct gtagygtac atcatctgkt ctatgacagt 60
cttaatttta asccac 77

<210> 25172
<211> 132
<212> DNA
<213> Homo sapiens

<400> 25172
actccctacc cctggggccc agctcagaac cgggcagaca ccccttcaa atgtcttcgc 60
acgtagggtt tgcacagtgt ttatctgctg gtgtctcagg gatttgacag tttccttaat 120
attcccacac at 132

<210> 25173
<211> 129
<212> DNA
<213> Homo sapiens

<400> 25173
gcagtagtga atgtggaacc aagcctgtct gtatatctgg tagctctttt cttgctttgt 60
tttttcttac cagtattctg cctaacgttt gcttctgtga tggttatatt gcctagcaag 120
cacaccgt 129

<210> 25174
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25174
ccttaactca gttaaatttc accacagccc tgtgaagtct gcactactgt cccctggatt 60
tttatctggt ttgtatatcc ccatatccca gtgcttggca cataaaagac actcaatatt 120
tggttgacaa atgaatacat aaatgaataa atctcatatg gctagacatt ttggctttcc 180
agataacatc atgggagttg gtcctgtggt agatcctgtg tcaacagcaa ggaca 235

<210> 25175

<211> 183
<212> DNA
<213> Homo sapiens

<400> 25175
cacaaaagta ataactgcag taaaaatggt tttgtcagtg tcttagtcca tttatgttgc 60
tatataggaa tatctgaggc tgggtaattt ataaagaaaa tgttctgcag gctgtacaag 120
aagcatgacg ccagcttctg tttctggtga gggcctcata gagcctcatg acagaaggcc 180
aaa 183

<210> 25176
<211> 100
<212> DNA
<213> Homo sapiens

<400> 25176
tcatttcatt agattgcata tttttagttt tctataaaat ttgcagccat tttccaaata 60
aagtaagtta taatatTTTT caagttttaa atggaccagt 100

<210> 25177
<211> 178
<212> DNA
<213> Homo sapiens

<400> 25177
ttacaarctc agcagctgcc actgaagaaa caggtgataa tgtagcacia aaagataccg 60
taaaacacag gacttctaaa tacttagtaa ggaagacctt ttgaaagcc ttatcctgaa 120
aacatctctt cttgctaaaa gctaggggaat cttagaatct tattaataaac gacacat 178

<210> 25178
<211> 177
<212> DNA
<213> Homo sapiens

<400> 25178
ggtagttctt aactatattg ttgtactttt aaaccacatt aaagactatt ataaatgcct 60
atcactgcta ctgtagagg ttgctctata ctatctctga tctttcattt gttgcagttt 120
gcaacacagt agttgagaat aagtgggtta gtaggattg cttaatagta cccttac 177

<210> 25179
<211> 141
<212> DNA
<213> Homo sapiens

<400> 25179
agtaaggcca aaaattactg attgtgaaca aatgaagcac caagtgaata aatgtacaaa 60
tagacaagta gccagtagga aaaaaaacia taattgttac ctaaagaatg aaaaccaagt 120
ggaaaaggcc gccagggtcc a 141

<210> 25180
<211> 223
<212> DNA
<213> Homo sapiens

<400> 25180
aaacttttct tgtagactta aatgtataag atggtagtct aatgagctgg ggtatgtttg 60
cttttggttca ctcttaatgg attgtgctaa cagtttatac aaatgctaga aacggaggtg 120
tcatttagcc gtcattagcc atgaacaaac ctgacctttt attccatcgt gtgtgtaacg 180
tggtgtgaca tggttccctt taggctgaag acagtgggag cct 223

<210> 25181
<211> 150
<212> DNA
<213> Homo sapiens

<400> 25181
acaacaggtg gtatacaatg aaaatgtcaa tgttctccta gttttgtttc tttgatcacc 60
atttcatccc tccttcgggt gctgagctg gccctcagcc ttcaaagtga ttctcactgg 120
agagagagga tgcttctctc cctggaccag 150

<210> 25182
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25182
ttttttcact ttttgaaaaa gatgttttgg gtagtagttt aatatctcag ggtgctcttt 60
ctaacatagt aaaaaatgaa gaaaaatgtt tagattaaaa ctctgtagtc tgatgactta 120
gaaccatcct tgacccttag gcccg 146

<210> 25183
<211> 139
<212> DNA
<213> Homo sapiens

<400> 25183
aagatagctt atcatataga cttgtttgcc accattcctg ggcctatttc ttctcctcct 60
tgaaattttt caatctagaa attctgtgcc aatggcacia gtcccatga atgamagcta 120
acatacccca acacctacc 139

<210> 25184
<211> 135
<212> DNA
<213> Homo sapiens

<400> 25184
ccagtctccc tgcttcatt cttgctctac tcctcctcct tcccagttct ccatgcagca 60
tcattgagtt tttttgtaaa atgtgtatca gaacacagta tgggtgctacc ttgtggraaa 120
acccagaccc ctga 135

<210> 25185
<211> 320
<212> DNA
<213> Homo sapiens

<400> 25185
ccccagaagc aatctgatag tcttaaaact ttgtcctttc taagtccttt gtattcattt 60
tagagctctt caggaaacta gagaattttg gactttgggt gacaaaagcg gtctgaactg 120

tgttcgtagc	tggaacatg	aaacacaaaa	ttctgggttt	aatcttctga	agaaatctat	180
aagtagttac	tggcataaat	ggtattacta	tactaacaaa	tttaaaagcc	tataatgtat	240
taaaactctt	ttttactcga	ttacttttat	ttttttgaga	cacagtctcg	ctctgttgcc	300
ccggctggag	tgcaagtggca					320

<210> 25186
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 25186						
caatcttttt	ggatatagac	tcagaagtgg	gattactgac	tggaacataa	gataatgctg	60
attttagttt	tctgaggagc	catactgttt	ttcataaagc	tgtattaatt	ttcatttycc	120
accaacagtt	cacaagggtt	ctctttttctc	tacaaccttg	cccg		164

<210> 25187
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25187						
raatagttta	cttctcatta	ataattctag	cttttaaaaag	tatatattgt	cttaagttaa	60
aaataaatag	ttcaggttag	tttagggctt	ccttaattac	agtaaagaat	taactttttc	120
ttcttttttt	cttaatcagt	gcaagat				147

<210> 25188
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 25188						
caaattattg	actaacctag	tattgtttac	agagaacaaa	ttattgacta	acctagtatt	60
gtttacagag	aacaaattat	tgactaatgc	agcattgatg	gatgctttta	taagacagct	120
attcctagag	tcatttttct	taccctact				150

<210> 25189
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 25189						
asaytgccga	gggtctggcg	gccatgaccc	caggcattct	gggacactgg	actgtgtgcc	60
cagaacattt	ttctgccatg	agaggtaaag	ccagggttg	ttcaga		106

<210> 25190
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 25190						
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ttggggggtc	aggaga					76

<210> 25191

[illegible]

<210> 25196
<211> 182
<212> DNA
<213> Homo sapiens

<400> 25196
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ttgacaaccg tgtttgcatt tctgtaaaac ttctacaact tctgggtgtca gaactgtcca 120
gaagatggta ctgttaactg ttatttcctt tgatgttttg attttraagt ttagctctca 180
ca 182

<210> 25197
<211> 169
<212> DNA
<213> Homo sapiens

<400> 25197
aactacagga agatgctgtc aaccaggaag gcctccttag gaagaggctc caagaaacca 60
gccaacggct gnaggatgtg gaggagcagg taggggtggct catggctaca ttagattcag 120
gggacatctc ctcatatgcc ctgcaaacca tgaaataaaa atggaggat 169

<210> 25198
<211> 154
<212> DNA
<213> Homo sapiens

<400> 25198
tcattgtatc tgtatcaatc ccaaaaggta gaaaaccaag tatagaaggt tatattcttt 60
aaggaaaaaa cggaatacaa aatctatttt acatatacat ccttttctat atacttaagt 120
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attaagagtt tgacgagatg agaaggaacc agcagaggcg aaggaaaagg attggctatt 180
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caaggaagga gtgatcactt ttgtcagttg ctactgatt 279

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<212> DNA
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gcagagctcc tgccaaatca gagccacggt aaccagtcag ctgggtgaaga ccaggccttt 180
ggggactggc tcttgacagc caacggcagt gagatccata agcacgtgca tttcagcagc 240

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268

<210> 25201

<211> 202

<212> DNA

<213> Homo sapiens

<400> 25201

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gtgtggattg	gacagaggaa	atccttgctg	caattttgct	aaaatataga	acaagacgta	180
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<212> DNA

<213> Homo sapiens

<400> 25202

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aacaatatct	acaaaatata	acaaagcaaa	gtgcaataaa	atgagataca	cttgtacaag	180
accaacaagt	gaaaccacga	agaagggtac	acaaccaaca	catagccttc	ctttgtccaa	240
gcgaaagaca	cacattctaa	gaagacagca	catcagcctg	gacaacatgg	tgagaaccct	300

<210> 25203

<211> 272

<212> DNA

<213> Homo sapiens

<400> 25203

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aaacaaacta	gactgagatc	atatgcttgt	caggagacac	aaaccttccc	tcaaggcagc	120
tggmacttga	atgggtaaaa	gttattgttg	ttgatattcc	ttagcttaat	aagggtcccca	180
aagtggcatt	gactttgagt	tctactgact	tttcatgtga	ctttaggcct	taattttccc	240
acctcaaaaa	tgggatgaat	gaagccccaa	tt			272

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<211> 217

<212> DNA

<213> Homo sapiens

<400> 25204

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gaactcctta	cctaagatga	tccaccccct	cggcctccca	aggtgcttgg	attgcgggcg	120
tgagccaccg	cgccagcct	caatttacat	ttttgtttat	agctcttgct	tgtaattcat	180
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<210> 25205

<211> 172

<212> DNA

<213> Homo sapiens

<400> 25205

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

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accccaatgc	attgaaaaaa	ttcagtatga	aacagtacat	atTTTTattta	tattacaggt	180
gggagaaaag	tccaattggt	catggaattt	gatagacttt	tccccagcca	actgctacag	240
tgtattataa	tcccgactgc	ct				262

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acagtaagga	tattaaagtg	taagatgcag	ccaggcatgg	tksmcatgc	ctgtaatccc	180
agcactttgg	gaggctgagg	ccggtggatc	acctgaggtc	aggagtttga	gaccagcctg	240
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gctttgctgc	cgaatgcatt	atcttgccat	tttcgtgtcc	caatactgaa	caaacgatcg	180
cctgatcgat	cggctgttgt	ccagctctaa	tgatgtccta	gagcagaagt	gtttcttctg	240
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gagagttggt	tttttttttt	tttttttttt	tttttt			96

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 <212> DNA
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<400> 25215

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aatataatth catttgctga tgaatttagt tcagcttcaa gagaattttt cttttcttca 120
tggggagggt gaagaatcag aactgtcata ccaaagaatg aaaagcaagc ctagggagaa 180
caagacagtc tgatgtttac atgggggttaa cttattbvat cagtgaatc agaaaaggat 240
cattctgcat tcgtggactg t 261

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<211> 301
<212> DNA
<213> Homo sapiens

<400> 25216
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ttatgagaga ggaaactaag ttgatataaa attagtaatg aaaatatggg cttttactac 120
ttgattatat tcattttatc catctgtaca aaggcatgga agatgaaaga tcgtagttag 180
ccgagggttg taatctttac tctggagcat gggtcaggga gtggggaggg aaataaggga 240
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h 301

<210> 25217
<211> 169
<212> DNA
<213> Homo sapiens

<400> 25217
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tatgatctg gaaagagctg ttttgatga atgcagtata aaatgtaaaa accctgctaa 120
atgacttatt gattaagtat atctatctat atatacatat acacaaaga 169

<210> 25218
<211> 121
<212> DNA
<213> Homo sapiens

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ctcctcgctc cagcccttgg ggtatcttccg ctgaggcatt gaaggcagga agaaggggca 120
a 121

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<211> 59
<212> DNA
<213> Homo sapiens

<400> 25219
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<210> 25220
<211> 181
<212> DNA
<213> Homo sapiens

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ctctggaaaa ctgggctccg aagtccatgc caaagaatth gaactttatc ctataagaga 120
 tgagaagcat taaagggtht aagaaaagct agtagthtag ttgagthaaga aattgggtggg 180
 c 181

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 <212> DNA
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 attgtcaaac ctcacccctt gatttcttac ctaatctacc cccctg 107

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 <212> DNA
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 ggccaaagag atgcccctht thtgthtaagt thtggatatg ttaggthtga gaaatgtcaa 180
 gtagccagth agatacatga gtcaggaatt caatgtgtca ggggtgtgtgg agatgggggt 240
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 awakgancct acgcc 316

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 <212> DNA
 <213> Homo sapiens

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 gtaagataaa aagaaaactg gccatthtcc tactattcta ctatttatat ataaccctgt 240
 taacattatg gtgtatgtht ththaaatat thaatatatt gatatgagag gccgaggttg 300
 gtggatcacc tgaggtcagt agthcaagac cagtctggcc aatgtggtaa aaccctgtc 359

<210> 25224
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 <212> DNA
 <213> Homo sapiens

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 ggcaacagaa gtcatggaa tggcagactc tggacatgct cctagagatg ggaggtcaag 180
 atgatcaacg thcaggtcc cthcatctca gaggtctcg agtcacctca ththaaaggtg 240
 ggaactgggg atcctggaac ctcccctgca cccagatgc thct 284

<210> 25225
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<213> Homo sapiens

<400> 25225

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tgcttcttat	ttctctttct	ctgcgttggt	agttttgaag	agtggaggag	ctaggggctc	120
cagaaagaat	cttacacatg	tgttgaagac	attgatgtca	tagggggcg		169

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<211> 136

<212> DNA

<213> Homo sapiens

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<210> 25227

<211> 172

<212> DNA

<213> Homo sapiens

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acaattctgt	ggcatttagt	acattttacag	tgttgcgaaa	ctatgaagac	ac	172

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<211> 407

<212> DNA

<213> Homo sapiens

<400> 25228

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ttaacacctg	gcccactg	ggacttcact	ttggtgagta	gatacctggg	tttttatttc	180
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cttactttctg	agggctcttga	ggaacagaat	tctgttaacc	atctttggca	gcctaattta	300
gtcctttttct	gctaacaagc	tgtaataact	ttttgtttca	agtaaataata	aaacatattt	360
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<212> DNA

<213> Homo sapiens

<400> 25229

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atttatattt	agaaataaga	ttttatccac	tttttaggaag	agtctacagt	ccatgtaggc	180
cgcatgttga	aagaaaatca	ctgtcttggt	gcactacaca	tgtgtaagca	tgatataaaa	240
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<211> 126
<212> DNA
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aaggaagttt tctagatttg cacttgatgt ttgtttttta aaaactgatt atttatggcc 120
gtgact 126

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<212> DNA
<213> Homo sapiens

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tccgtcagac gactctacca cctcgggggtc tctgccagaa ctgccgccga cctccaccgc 120
gacttcgagg tcgccccag agtcgaagg gagctcccgg agctcgctgc ttcagtggac 180
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<211> 261
<212> DNA
<213> Homo sapiens

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tttttttgat tgttgaagca tttatcttgt tgatttctta caaaagaaaa aggacgatgt 180
cagtcaagca gcacttttcc agaataata gaacataaat aatatgatgt ggttgagtgt 240
taacataata aatcatatac a 261

<210> 25233
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ataatccatt ttccacattg ccatgagggt aaagggttcc aatcaaaacc accattaaac 180
tgcatagttt ctagtcttcc ctcagccctg atgctaatta tgatagtttg catagacata 240
acttaaactt gtgattctcc c 261

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<211> 145
<212> DNA
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tctaaaaaca ccttaagtat ttgtctagaa atctggtgca ttgttcagaa agaaccacaaa 120
ttcaaaataa tttcaaagg cctag 145

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 <211> 203
 <212> DNA
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 ttagaataat aataggcggw agc 203

<210> 25236
 <211> 155
 <212> DNA
 <213> Homo sapiens

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 agatttaccg gtgtgttttc wtctaagaat tttat 155

<210> 25237
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 <212> DNA
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 aaactaaggc acaaattcaa ttgctgagaa tacacagccg gtaagtggca gacagtatga 180
 cgttgaaaac catgct 196

<210> 25238
 <211> 185
 <212> DNA
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 gcggaggcgg gggatttctg gtaggtccta ctttagysgn aagatstggg accggtgaag 120
 cgtcagtcctt tgattcacag acagttgagc ttttcagctg ggaagccttt ccattttttt 180
 ttttt 185

<210> 25239
 <211> 209
 <212> DNA
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 agttactaac tccaacacvk aatagcattg gtagaaagcn tataaatgca gtkatttagc 180
 ctcgactaag atttttctga tacctagtt 209

<210> 25240
<211> 160
<212> DNA
<213> Homo sapiens

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aatttctatt caaaaagacc gtaccagttt cagtccngc 160

<210> 25241
<211> 56
<212> DNA
<213> Homo sapiens

<400> 25241
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<210> 25242
<211> 217
<212> DNA
<213> Homo sapiens

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tgatgtrtct gtttccgtgg agaccagggt tgatgattgg gacacagatc ctgactttgt 180
gaatvacatc tctgaaaagg agcaacvagg gggagcs 217

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<211> 75
<212> DNA
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agtbgcacaaa gttgt 75

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<211> 65
<212> DNA
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aaaat 65

<210> 25245
<211> 58
<212> DNA
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 acctacctga aatctgagtg actgc 85

<210> 25247
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 attcaagcca atgttttttg catcaacttt tctatatgtg atgtatgtat ataaatacat 180
 agattaagga aataggwaac tgaaaca 207

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 ccatgttggt caagctggtc tcgaactccc gacctcaggt gatcagcctg tctcggcctc 180
 ccaaagtgct g 191

<210> 25250
 <211> 258
 <212> DNA
 <213> Homo sapiens

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 gctgagaccg gtggatcact tgcagtcagg agttcgagac cagcctggcc aacatggtga 180
 aaacccatct ctactaaaat acaaaaattg gctgggtgtc atggcacgca cctgtaatcc 240
 cagctgctag ggaggcca 258

<210> 25251

<211> 161
<212> DNA
<213> Homo sapiens

<400> 25251
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gccccgccca cggcccctga acgctggggg aggagtgcac kgggargggc ggccctcaaa 120
cgggtcattg ccattaatag agacctcaaa caccgtccca a 161

<210> 25252
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<212> DNA
<213> Homo sapiens

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tgattagaat tgttagccca gtaaagtgca t 151

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<211> 122
<212> DNA
<213> Homo sapiens

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ca 122

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<211> 149
<212> DNA
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taaaacagat atttacagaa atggggcgg 149

<210> 25255
<211> 182
<212> DNA
<213> Homo sapiens

<400> 25255
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ctttcatgaa aaaaatgtaa atgtgaatga ttcattcatt ttgaacatat gtaactatct 120
taggagattt tcaggagatt ttaccctaca tggagtacac tgttcttagc agggaatgtg 180
ct 182

<210> 25256
<211> 147
<212> DNA
<213> Homo sapiens

<400> 25256
tcagcctccc aagtagctgg gattacaggc atgcgccacc acaccagct artttcgtat 60
knntagtaga gatgggattt caccatgttg gccaggctgg tcttgaactc ctgacctcag 120
gtgatccacc cgcctcagcc cccgcca 147

<210> 25257
<211> 306
<212> DNA
<213> Homo sapiens

<400> 25257
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tggttattag ctccgagagt ttttttttta atattttggg gttttcttta taaaggatag 120
atcatctaca aatacttctt gcttttcaat ttagatgatg tttcctttcc tgcccaattt 180
atctggttaa aacgtctgat acmctgttga atagaagagg caagggcaca tgttcatgtc 240
ttgttcttga tattgggaga aagcatcccg tttttmacca ctctggccag gacagcctat 300
ctgtgc 306

<210> 25258
<211> 91
<212> DNA
<213> Homo sapiens

<400> 25258
cggcagcgat gctacaggcc taagttattg ttgcataaa aagaatcatg ttcctgtgt 60
acatttaaga aaaaaacaar aaaacggaaa t 91

<210> 25259
<211> 71
<212> DNA
<213> Homo sapiens

<400> 25259
cattgaatac cagggttctt ccaggccagc ctatgaggag ttctacaact gccgcagcat 60
cgacagcgga t 71

<210> 25260
<211> 163
<212> DNA
<213> Homo sapiens

<400> 25260
agtagtcggt cccgccacc cgggtgcggtg gcccttggg tttcagtcga aggggagggg 60
ccagcgctcc aagaaggtga ggctgctggg atgggtgact ccgccgtcac tgcaaacacg 120
ggacgtcccg tctactccct tacgctgct tggctctgaac bct 163

<210> 25261
<211> 192
<212> DNA
<213> Homo sapiens

<400> 25261
ataaaaattg tggataaatg actagcattt taaagtctca actttttatg taaaactctg 60

gatttccaac ttctctttaa aattctcaag gcctggscam ctttatttta gaggaatgac 120
tcttttaaag tagggcatga gtacttcagt tttccagagt cccactgtgc cctatcacc 180
attagtgcc at 192

<210> 25262
<211> 173
<212> DNA
<213> Homo sapiens

<400> 25262
caaagatcag atggtttag atgtgtgga ttatttctga gggctctgtt ctgttccatt 60
ggctctctc tctgttttg taccagtacc atgctgtttt gggttactgt agcctttag 120
tatagttgga agtcaggtag tgtgatgcct ccagctttgt tcttttggt tga 173

<210> 25263
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25263
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cggactcggg gtgggtggcg gcgaggagcg tgcgccaga aaggcaagca gtcagcgta 120
ggggccggca ggtggagaga accctgcctc ccgcctcccc cgatcgccat gactccggct 180
tcgcaagag acctggttgc cgccggggcg tcccasctgt 220

<210> 25264
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25264
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tgcaggtgga atacagtccc tgacaatgca ataataatt cccaacttat tccccttgcc 120
ttgctcgtcc tctactatgc actcagcagc agacgaattt ttngaaaata actgaaaacg 180
cacacca 187

<210> 25265
<211> 191
<212> DNA
<213> Homo sapiens

<400> 25265
aattagcat gcctgtagtc ctagctgttc cagaggctga ggggtggagg atcttttgag 60
cccaggtggt cagtgtctga gcgagctctg gatccagcca ctgcactcca gcctgggcaa 120
cagagtgaga ctctgtctca aaaaaaata ataaaaaata aaaataaata ataataataa 180
ggctgggcta g 191

<210> 25266
<211> 265
<212> DNA
<213> Homo sapiens

<400> 25266
cagtttcct ttaattaatg atttaaacc tagttttcca atagtttccc tcttcttttt 60

ccttttcaact gctatccata ttcttcctaa acctcatata tgtgcacgat atgtatgtgt 120
 gtgaacacac atgcacacag agaccaaaga tactttatatt atttctaaac atatacacat 180
 atttatttta taaaatgatg gcttttaatt tataatacag atttataatg caaacttact 240
 tccatgtgac cattgctccc atcac 265

<210> 25267
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 25267
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 agtcagactt aaagatttga kaaattatatt gtgtcattwa ctagacgtga tttttagttc 120
 tgtttgatta tatttcctac acaaacttct tatttaacag gatagcctac taaattaaat 180
 gtttcttatt tcacttaact catttgatta aactgtattc tawwwyattt ggggtttttc 240
 cccctattca gttttaatct tggaatawrc atttgtaaat tgtgatgtca ttkagactat 300
 atnnatattt gacttggcaa cattaacatg tcctaagact tagtgcagag aarcttggca 360
 gtac 364

<210> 25268
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 25268
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 actgatgatc aagggtgtgc ttctctcaag catggttcca actctgtgtc acttttttagc 120
 gttaatggca gttgtgtgtc tgtggcagtg agataatgga ccactattaa acctgattct 180
 cttcgggtgct aggaaagagt gatgtgtgag attcccagag agtcgtcaca ccagtgttat 240
 gcctgggagt gccactggca taccgcagtg cctaaatccc aggccccctt ctcaggggggc 300
 gtggccacac ca 312

<210> 25269
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 25269
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 atctctccag ccccagagct gaaaacacca agtgcctatt tgagggtgtc tgtctggaga 120
 cag 123

<210> 25270
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25270
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 ctcagaaaac atctttgatc ctgaatamgg mtgmtattcg ttvyggytyr cctaccacca 120
 taactgttca aacaahagac cagtatgggg atgtgggtaca tgttcccaat atgaavgtgg 180
 aagtgaaagc tgtccccg 198

<210> 25271

<211> 270
<212> DNA
<213> Homo sapiens

<400> 25271
aagttgttgc atgtgtcaat gggtgttctct ttttatttct gagtaatgtt ccatgatatg 60
aatgtaccac agtttgttta accattcacc cactgaagga cgtttggatt gtttctaagt 120
tttgactgtg gcaagtaaag atgctatgaa cattcatgta cacatgaatt tgtaggcata 180
tgtttttatt ttgctgggag aaaagcccaa gaatgcagtt gctgggttgt atggtattgt 240
atgattgttt ttcttttaag aaactgccgg 270

<210> 25272
<211> 186
<212> DNA
<213> Homo sapiens

<400> 25272
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acacaagacc atatagaggc cactgttcag ttattaattt ccakataatg gcctaacttc 120
aatattattg tgtctgctga ataggaaggt ctaaggagag gagaaaaatg ggagaggcag 180
ggggac 186

<210> 25273
<211> 280
<212> DNA
<213> Homo sapiens

<400> 25273
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aatgagcaaa atgatttcaa ggaactgaac acttgatta ctgggattca ggagaaagag 120
tttgccatgt gttcaaaagc agcagagatg cgggtggggg ctaagcctca ttccaaagca 180
gatccatttt aaatcacacg gaacgaacag cctgatctca caatagactg ttccttctaa 240
gtacaccgtg ctgtgatttt ggaaaaactca gggcccaagt 280

<210> 25274
<211> 331
<212> DNA
<213> Homo sapiens

<400> 25274
antcattctt ttgcctggag ttttgtgagg taccgcgttg ctttatggga aaaggctgct 60
ccggaactgc cctacttttag actttttcat gggtatcaat ckgkacamag aatcaccaaa 120
ctgataaagc aggaacnaga gggcaaatca cgctgccaaag acaactgtgt aattcgctcg 180
aaaaagaaac gaagacaatg tatataaaaa tatgcaagaa tcacaggaaa cccacatata 240
caaccaccta gatgaagtgt ttgctgctgt tagcatcact catagaaaga agttccaaaa 300
caagctgctw nngacagcac tattccagcc a 331

<210> 25275
<211> 171
<212> DNA
<213> Homo sapiens

<400> 25275
atagcagccg gtgatggcgg cagcggctgt ggtggctgcg gcgggtccgg gcccatgagg 60

cgacgaagga ggcgggacgg cttttaccca gccccggact tccgagacag ggaagctgag 120
gacatggcag gagtgtttga catagdmstg gaccagccag aggacgcgga c 171

<210> 25276
<211> 204
<212> DNA
<213> Homo sapiens

<400> 25276
cctttttcgt ccattgtccta gcagagacta cagagcagta cagaggctct cgctgaaacc 60
agtcccaggc tccacagagt cagatcacgg cttcacacca gtcgttctgg tcacttaggc 120
gttcgcgtga ssctcaacc cttaccgcca cctcatcgtc actctacacc attctgagcg 180
caaaaatgtt ttgattgaga cagt 204

<210> 25277
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25277
aatacataat ttgtgacat ttaagatgct gatattttct ggaaaaggat atagatagta 60
gtagtgaccc gcagagcctc acaataatgt ctaaagatat aaactgagta gatccctac 119

<210> 25278
<211> 131
<212> DNA
<213> Homo sapiens

<400> 25278
tattggtttc atatgtgcta ctactgtact aatatacct gtgcattata aaatccatgt 60
aaactataga catcttacag agataagata atattaagaa tgcttctcat atttttcaca 120
tacctgtcct g 131

<210> 25279
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25279
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ttcagatgta gtaaaatctg attgtgtaaa gttagaaatt aaacaaaatc ctctttggca 120
tggaacaaaa ccataaacca cacgtaataa accaggagga aatagttgca agatgtattt 180
ctgataaaat gctaataattg ctaatatata gaaagtact acacgttgag gagag 235

<210> 25280
<211> 193
<212> DNA
<213> Homo sapiens

<400> 25280
gaatctttta gtgtcaagtc agagaaaatc tggctcaaaa ccggctaaac aaaaaaagaa 60
atttagactc kcatgtagcg gawaaacctg gagctgtcaa agctttggag caaggcttga 120
ttacatggct cacctatgtc atcaaatgaa atactttttt ccatttttct tcttggcttc 180
ctatgacatc aac 193

<210> 25281
<211> 209
<212> DNA
<213> Homo sapiens

<400> 25281
taatgtctgt ttattaacta ctgaataatg ctaccaggat gctaaagatg atgatgttaa 60
ccattccag tacagtattc ttttaaaatt caaaagtatt gaaagccaac aactctgcct 120
ttatgatgct aagctgatat tatttcttct cttatcctct ctctcttcta ggcccattgt 180
cctccttttc actttattgc tatcgccgt 209

<210> 25282
<211> 283
<212> DNA
<213> Homo sapiens

<400> 25282
aacaagagac tatttctcat ttgtgaaatt agtgaagatt aagaaagaga taatgcttcc 60
ctgtggattt ctgagagcct ttattttccc tggaggtatt ttaattttct ttgaatagtt 120
catgtgtatt gattgagtta attctcaagt acattatttc ctttttgctg ctattacatg 180
aacagattct gggctcacac tgagctgggt taaaacccaa gctgtgtaat tcactctgtg 240
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtrtrg cga 283

<210> 25283
<211> 294
<212> DNA
<213> Homo sapiens

<400> 25283
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tcaggtgatc cgccacctt ggctcccaa ggtgctggga ttacaggcat gagccactgc 120
acctggcctt gatctcatta tttgttattg gtctgttcag gttttgggtt tcttcatgat 180
tcaatctttg taggttgtat gtgtgttgga atttgcctt tctaggtttt ccaatttatt 240
gacatgtggg tactcatagt agcctctaata gatccthgkg aatttctgca gttg 294

<210> 25284
<211> 240
<212> DNA
<213> Homo sapiens

<400> 25284
atattggcat ttttcaaccc agtgtcacta gatgtcacac acatttgtgg tgctttgatg 60
tttgcaagtc taacctctga acataaaattt ggwcarataa ttggaacaaa gggadrcaga 120
tactngatat gaaagccata atgacggtga cttgtgtcgt gggggaaaac ataaggatcat 180
ttkctccctc tactcacaat actaraaaaa aaatggattc aagttaggmt ttcagggccg 240

<210> 25285
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25285
gccaaccag tgagcaatta ttaggcgctt ggcacgtgcg ccagcgctgt gaatccagtg 60

ggcagatact gttagactgg agccaaatga aaacagaacc acatcttgaa agggctaag 119

<210> 25286
<211> 125
<212> DNA
<213> Homo sapiens

<400> 25286
aatattgttt gtctaggaaa tggaatatga acatatgtac atatataattt attttttaaat 60
tcaagaataa catgtaaaat tagaaaaata ctacctgcca ctaaaagtgt acntctagga 120
gacgt 125

<210> 25287
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25287
aggagcaaag aaagctagaa ttgaagaaga taagaaagaa acagaggaca aaaaaacaga 60
cgттаaggaa gaagataaat ccaaggacaa cagtggtgaa aaaacagata ccaaaggac 120
caaatcagaa cagctcagca acccctgc 148

<210> 25288
<211> 258
<212> DNA
<213> Homo sapiens

<400> 25288
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ttatacatta dagccttttag cacatgcatt tttgtatttt ataaagtatt taaaattttg 120
ctggttttta acatttttagt agatgatatg cctaataana tccatttgcc acgtttctag 180
tcatatgccg tgtatttcat gtttctgctg tatatatkyg gaactgcaat cttaaaggat 240
atagaatatt gtgggctg 258

<210> 25289
<211> 261
<212> DNA
<213> Homo sapiens

<400> 25289
cahtgtctct tccagacctg gaattgaccc tttctctaag gagcttttgt ttattttatta 60
ggcaaagata tttagacact acagtttggg tactaggggt acgcattact attaagtatg 120
ttaccatcac taatcctttt cagttgtcag aactgggagt gaaaaaaaaa catacatata 180
tatatatgta tatgcacata tatacacatg tataaagama tttagagctc atactgatac 240
tttgcattha atttrgggcc c 261

<210> 25290
<211> 139
<212> DNA
<213> Homo sapiens

<400> 25290
tatctgatgt tttctgaata ttaccttaca aatgctgctt tatttataac taaagaatag 60
ggaccctgtc ttttaaagct ttatatctcc tcaagtaaat gtttttcgta ttaaattccat 120

taataatatc tagtggcgt

139

<210> 25291

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25291

aaaagcgcag	aagaaccctt	ttggagcaac	tgatgatga	tcaataaatt	ataccaaata	60
tatgtttaca	gtatgattta	aagtctgatt	cagaccagg	actctatatt	aagttcaact	120
gaaataacac	tggtttttta	ttatatcaca	ggaaaaaaaa	agtagct		167

<210> 25292

<211> 223

<212> DNA

<213> Homo sapiens

<400> 25292

tgtatgatac	agtgtgtcct	ggctggattt	ttcctgttag	caggcagaaa	gaatccctcc	60
tggtattccag	aataataaat	acagtcatgt	gctgcttaat	gacatttttg	tcaacaatgg	120
gccacatata	tgatgggtcca	aagcactata	ctgtacatca	tctcattgga	aaaccttatg	180
aaataggagg	gcaactatca	tcataatcat	cttccttccc	ccc		223

<210> 25293

<211> 197

<212> DNA

<213> Homo sapiens

<400> 25293

cacatagagt	taaatatata	ttagtctaaa	gacaaaacttt	aggtgtaaga	aaattatgga	60
ataagtgtgt	gtgtgtgagt	atgagtttgt	acctatatttc	agaagaaaag	aacaatatgg	120
gaatgaaaat	cattttaata	aggtggctac	tataaaacca	aaaacctaaa	aactgaaagc	180
aatgtataaa	aaaaaaa					197

<210> 25294

<211> 364

<212> DNA

<213> Homo sapiens

<400> 25294

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ctaagttttt	vgtcactcca	gctatgtgtg	cattaggtgg	catcccaagc	ccagtaacac	120
tatgactttt	gcagactcat	agaggtcttg	tggtcttggg	taagatctgg	aagacttctc	180
tggtattacta	ggcagagaat	tttgggtctct	tcccttactt	tctcccaaac	aaacaagcag	240
agtctccttc	tctgtctact	gagctgccta	gagcttgaag	aggggtgaca	taagcatccc	300
tgtctctacc	caacactggg	acaatgctgg	gtcagacctg	aatccagcac	agtactgagt	360
ctca						364

<210> 25295

<211> 251

<212> DNA

<213> Homo sapiens

<400> 25295

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tcttttaaac	cttcattgca	taaatactaa	agtgaatcat	tttcttaaaa	tattttgata	120
ccacgtttga	cagatctgtt	ctttataact	agctctttgt	tggtctttga	taaagctccc	180
aataggtaga	aatgtattaa	ctctgtattt	ctgttacatt	aatttttata	aagaatttca	240
taggtccctc	c					251

<210> 25296
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 25296						
caasagaaga	ttgagttttt	atctcaccat	gccttgtgtg	tagatcattt	ccttattgga	60
ttctgtgtag	tggttgttgt	ttacttaatg	acracakara	ctcagatagt	agtcatagtt	120
aaatattttt	agaggaccac	a				141

<210> 25297
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 25297						
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cctctatttt	acagatgaca	aaaccaggct	tagaagttac	acaaattgcc	ttgcacagtg	120
gctcacacct	ataatcccac	acattgggag	gctgaggcag	gaggattgag	ttagaaacca	180
gcctggtcaa	catagcaagt	tccc				204

<210> 25298
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 25298						
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cttgggaggg	cgagggtggg	agatcatatg	aggctcgggac	tttgagacca	gcctggccaa	120
catggtgaaa	actcatctgt	actaaaaaaa	caaaaattat	gtgggttggg	ggtgtgcgcc	180
tgtaatcnca	gctacttggg	aggctgaggc	aggaga			216

<210> 25299
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 25299						
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catgatttag	taatctttgg	gaaataaaaa	ctgtttttac	aatgcaaggt	gtgtaaagga	120
agtgaatgt	gtttttggta	aaagataaga	agtcatgaga	atgtggattt	ttttctgcct	180
agattaaagg	gctaaaggat	tggtata				207

<210> 25300
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 25300
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 tggtataagt aatagggcac agatgtgcag tagagtcttg tttaatggca tttcactgtt 120
 cattcccttt accaccgtac t 141

<210> 25301
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 25301
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 gtaagcctcc tcatgcggct ctggtttcgg tctttactcc tgcgccttac tcgaaagggg 120
 cagggtttct gctgtcggtc ggagggasga tgacgcgccg ggtcgggggt ttagagacgg 180
 agagtgaagt cggattccgc cagatggggg tcgggaactc cgggccaggc cctgacgtgg 240
 attgtgtttg ccgcctcctt taaccttgcc ctcatagact ggggggggta gtgctccccg 300
 cttccagcga ttctcgccgc ctctgtctcc tgtgtagtaa ctggnscctc t 351

<210> 25302
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 25302
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 gcatatagtt gttcataata gccttgagtt taacatagtt taacaataat gtcttaaaat 120
 cctttggatg tctgtggtat cagttgtaat gttttctttt tcatatatga ttttatttat 180
 ttgagtcctt tctctttttt cctagttatt ttggctaaag ggctc 224

<210> 25303
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 25303
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 tttttttt 68

<210> 25304
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 25304
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 caattacttt tctcctcttt cccattttta aactaaggac ttagtttcat gcttacttaa 120
 aaaataaata cgatttaaaa ctcttatctt cccattacta aaccaccaa catacatttg 180
 tcctttccct catactctc 199

<210> 25305
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 25305
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 ttgaaagcca gtttgggatt gtgggggagg ggatgcaaaa taaatagaaa atatagtctc 120
 ttcccataag tagcttatgg tttagaagtt cagttctcta atacaaagga taaccaagga 180
 cccatgcaat gcaaacagag acag 204

<210> 25306
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25306
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 aaatccatta gaggaagccg ttaagttcct tatacctctt aagaacctg ttgctgataa 180
 cattgacact catctgttag catttgaaat atattttaga aaaggaaagt ttctgttaat 240
 gctgcagtct gtcaaacgag cttttgccat taacagtaat aacccatggt tacatgc 297

<210> 25307
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 25307
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 gaaaagagta gatcatcatc attgatgact actatgggag ttacatgaa ctatttcttt 180
 ttaaaggact gtatttatgg ctacttactc tcatttttct aattattatg aatttttagat 240
 cttggcctaa gtttaacacc tttaaaatta tgtagagaat actgataagt gtcagggttc 300
 atttatcatc atctcacttg ggtttctgcg ggtcacttac agttgacaca acggaacaaw 360
 cggtcagttt actctataga tagcaaaagc ctgc 394

<210> 25308
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 25308
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 aacataggtt t 131

<210> 25309
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 25309
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 tgtagatgta taggttagat atatagggaa tgttattatt ttttcctttt tttggagaga 120
 cggctctgct ccatcaccca tgctgggtgtg cagtgtctgcg atcgtggctc gctgcacctc 180
 ccgcccctcg 190

<210> 25310

<211> 290
<212> DNA
<213> Homo sapiens

<400> 25310
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ccatcttaca aatgtaatat ataaacttac tgaaggatg gcagtcaaag gatctagcct 180
atattttgga aaacagtatt ttgaaaggac aaaatctgca aagaatgagg ctaactctaa 240
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<210> 25311
<211> 213
<212> DNA
<213> Homo sapiens

<400> 25311
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acttagctta attagcatca cagccagttg gagtggattt tatgtatat tttaaaggat 180
tcagtaaaca gattgagaaa agctagggag tcc 213

<210> 25312
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<212> DNA
<213> Homo sapiens

<400> 25312
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gaatagggtc agaaagaaaa gaagagggtt ctatctccag aggagttagg ggccaggtat 120
tcagaagggc cctctctttg ccactgcaat caatcagatg ttcacaaatt ataccttttt 180
aatgcatcac taggctctta gaaagcagg gaaaactgta ggctgaaaca gaaacagtgg 240
gdcnttaagc agcaaacgct aaaactagct tggaacatgg aatcttaggt tccccacaaa 300
gtaggagtct gaathgwagc tcccatatta aactggaatt cttgaagagg gttaaaatgg 360
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<210> 25313
<211> 222
<212> DNA
<213> Homo sapiens

<400> 25313
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atggtgcatt gtaaaattaa aaaacacaac ttgcagaacc aaatatatgg catcagtaca 120
tttttgtaaa actacaaaga tacttaccta gtaatatagt atagaaaaca attctgaaag 180
ctgtgtccac taaaagatta acagtgggta tctctgggtg tg 222

<210> 25314
<211> 273
<212> DNA
<213> Homo sapiens

<400> 25314
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gcatttgcca attgctgtta gaaaacacta gctagaaatc ccctccccac cacccttttt 120
aaggccagtt aactatacta cagtcaatac cgtgggtgagc aaaaatgtaa aagggtggaag 180
gagaaaactt actaaaatag tatgttttcc tattataagg gacagacttg gtattcagta 240
tttgtcaaatt attacatgtg ttattcagga gat 273

<210> 25315
<211> 109
<212> DNA
<213> Homo sapiens

<400> 25315
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agaagcggga gtttcggctg cagggttttg ctctgccggc gcgcacgac 109

<210> 25316
<211> 260
<212> DNA
<213> Homo sapiens

<400> 25316
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gaggcattga agtagcgggt gcttacttat ttgtgggaaa tcatgtattc atactgaaga 120
ataaactccg tagctgattt ggtaataact tttactgtta cagacgattt cgctttgacc 180
ccggtggcag agcactttta ctccacattc cacgcagcta aatgcaggac ttcccagact 240
cttccctccc cagcccagtc 260

<210> 25317
<211> 81
<212> DNA
<213> Homo sapiens

<400> 25317
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ctattcccct actgctagca a 81

<210> 25318
<211> 151
<212> DNA
<213> Homo sapiens

<400> 25318
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tatctcgggg ctgcttcattg aactctgacc agaagaaaag ggaaggagga agcagaaggc 120
cgcaggaacc agcccagagc gctatgacct c 151

<210> 25319
<211> 189
<212> DNA
<213> Homo sapiens

<400> 25319
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aacaagcaag aatgaaaatc acctgccata acacctatgg aaaaccattg ttacattatt 120
tacattactt atccaactgc ttgtcttacc tacaaccttt gtttaaatga ctctaaaatc 180

caacccgta

189

<210> 25320

<211> 229

<212> DNA

<213> Homo sapiens

<400> 25320

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tttatctgat attgtttcct cttaaattcag ctttccakgt ratrwttaaa atcttgtgaw	120
aatgtttaga tttttaacac agaccctgtc ataaaatctg tacattaggg tcaaaaggta	180
aaagtaacaa attctgccat attgttaaatt tccagtgcag gctttaatt	229

<210> 25321

<211> 240

<212> DNA

<213> Homo sapiens

<400> 25321

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tctagcctgg gttccagtat ctaatttttt ttttgtttta actgacaaac tcattttctct	120
actgggacag gatgctgtgc tggctggaag ttccatttct acagcaagaa tcctatctgg	180
aaacacagaa gttgtcctct agccacagca gtcggaactt ttttgattgy cgttgctgct	240

<210> 25322

<211> 147

<212> DNA

<213> Homo sapiens

<400> 25322

caatagaata gtcattcctc tttcatttta aagttaaacc ctatgctcat actcacagtc	60
tgtctcctct agcttctaca gtgacctaga ctcatcagtt atctctgcct ttctgtatct	120
tcaacttttt cctctgtcct gaccgag	147

<210> 25323

<211> 114

<212> DNA

<213> Homo sapiens

<400> 25323

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cattgcactc cagcctgggc aacagagcaa gactctgtct caaaaaaaaaa aaaa	114

<210> 25324

<211> 134

<212> DNA

<213> Homo sapiens

<400> 25324

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ggactattgt ttggatattg ggggatgcca aggtgagggg tggggagagg ccaggagca	120
catgagaggt gcct	134

<210> 25325

<211> 319
<212> DNA
<213> Homo sapiens

<400> 25325
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gagaaccagt tgtcatgagg tatacttact taccttactt acctaaagat tatcacagta 120
tttaaactgt aacttaagag gtaaaagtct attaagtatg ttgatgaata taacctgcac 180
agtggctggc agcaagtaaa ccctgtttgg gtgttcaact ttaatttttt gttgaaatat 240
gtaagcagga gagtgcacct accgcaagtg ttcagtttgt tcatttttaa aarstgaacc 300
ccctgtataa ccagcagtt 319

<210> 25326
<211> 205
<212> DNA
<213> Homo sapiens

<400> 25326
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ggctgttctg ggtcttcaca tgcatttgtt tataccaaat tttttttttt yctcgcatct 120
gactgctttt gctcagcaaa aagcttttga gattcaccca tgttttattg catgtatcaa 180
tatgtttctt tttactatgg aggct 205

<210> 25327
<211> 241
<212> DNA
<213> Homo sapiens

<400> 25327
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tccatcctca cgttcaggct ttggttcctc cagtgggtggc ttgtgttgga gaccattttt 120
acaaaattac atctgaagca cttcttggtta ctcaacagct tgtcaaagta attcgtcctt 180
tagatcagcc ttctctggtt gatgcaactc cttatatcaa agatctattt acctgtcccg 240
a 241

<210> 25328
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25328
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aaattcctga aaaatatttg atttttgagg aagtacatta gaatttggca tttggtttgc 120
gtgccaattt cagcagcacc ca 142

<210> 25329
<211> 377
<212> DNA
<213> Homo sapiens

<400> 25329
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ctaccacaaa ctctggggaa actgaggctg gggtagcttg ctgggtgact agtaaattcc 120
aaacttgaac gggagaaatg cttattggaa gcactgtcctt tatatagttt gcaagttgtc 180

attacttttt	atttttagag	acatgtcttg	ttctgttgcc	caggctggaa	tgcagtggca	240
tgccaccatg	cagtggcatg	gtgatagctc	actgcagtct	caaattgctg	ggctcaagta	300
atcctcctcc	ctgtaatccc	aaagtgtctg	gakkataggg	atgcaccagc	acatccagct	360
aattttttgt	tggtcca					377

<210> 25330
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 25330						
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aaaagaaaca	ggcagaaaga	gagacaaaga	cagaaataga	aacagactaa	cacacrgagt	120
caaaaatata	gagacagaaa	gacagggaga	aagagaaaca	gaaaattaga	caccaaagac	180
atacgaacag	ggaggaaggg	cgactgaaag	aaagacggag	ag		222

<210> 25331
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 25331						
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gacatctaca	gaactctcca	ccccaaatca	acagaatata	catttttttc	agcaccacac	120
cacacctatt	ccaaaattga	ccacatactt	ggaagttaaag	cactcctcag	caaagttaaa	180
agaacagaag	ttataacaaa	ctatctctca	gaccacagtg	caatcaaact	agaactcagg	240
attaagaatc	tactcaaaag	ccgtcaact	acatggaagc	tgaacaacct	gctcctgnat	300
gactactggg	tacataacga	aatgaaggca	gtt			333

<210> 25332
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 25332						
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ccactgttga	ttacttgag	aaggtgaagc	aggggagttc	tgaagagatt	acctwgagct	120
acataaccct	aagttaagta	aaattttcac	tttcattctt	ttcattctct	cataaaactgg	180
ttgaaaaaac	actgtactac	caacaaaggt	gtcagttgct	tgtgctgccc	tgtctatgtt	240
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<210> 25333
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 25333						
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ttaaaggggac	atctgatcta	gcctttttat	tttaacagat	caagacactg	cagctcaggg	180
gttcagctat	ttacatgagg	tcatacagta	agcattaata	ttttagtagtct	cttaatgtag	240
tatcatctta	ttgtagattg	aaacatgaca	tttaatctgc	tatcaagata	ctgggtttgt	300
aggggggggat	gaggagttgt	cagaataaca	aaataagtgg	ctttaatttt	attgaaaaca	360
gtgggggtgt						369

<210> 25334
<211> 304
<212> DNA
<213> Homo sapiens

<400> 25334
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tcccagcact ttgggaggcc aaggccagcg gatcacttga ggtcagaakt tcgagaccag 120
cctgaccaac atggagaaac cctgtctcaa ctaataatac aaaattagcc aggcgtgggtg 180
gcgcattgct gtagtcccag ctactcggga ggctgaggcr ggagaatcgc ttgaaccgag 240
gaggcggcgg ttgcmgtgag ccgagatcgt accattgcac tccagcctgg gcaacaagag 300
cgaa 304

<210> 25335
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25335
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ctgaggcggg agaatggctt gaacctgcga ggccggagggt gcagtgcgct aagatcatgc 120
cactggcact ccagccttga gtgacagagc gaggctctgt atcaaaaaaa aaakttgcgg 180
gggcca 187

<210> 25336
<211> 385
<212> DNA
<213> Homo sapiens

<400> 25336
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gtgtggatcc ctcatgaata gatgaatgcc ctctctcgtg ggtagataag tgagttctag 120
ctcttttcagg tcccaacaag agctggttgt gaaaaagagc ctggcacgcc cacttgccctc 180
tgctcccacc ctgtggtctc tgcacgtgcc agctcccctt tgctttccac cgtgagggga 240
aatagcctga agccctcact ggatgcccaa tcctgaactt tcccaaccag cagaaccatg 300
agccaaataa acctcatttc ttataaatt acccagcctc agataktcct ttttggcaac 360
acaaaaatgg actargagaa ctaga 385

<210> 25337
<211> 200
<212> DNA
<213> Homo sapiens

<400> 25337
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actggggtas tcagaagggt aggtgagctg tcacacagcc ttgatgctag aatgagggtg 120
ccctggtagt gtcttatcag ccatgacact ggtgcattgg gccagggttg tttttttttc 180
ttttttttga gacaggctgt 200

<210> 25338
<211> 294
<212> DNA
<213> Homo sapiens

<400> 25338

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agctaatttt	taatttttat	acagacaggg	tctccttggt	ttgctcgggc	aggtctcaaa	180
ctcctgggct	caaggatcct	ctctaccagc	tgagcstcct	aaagtgctgg	gattataggt	240
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<210> 25339

<211> 310

<212> DNA

<213> Homo sapiens

<400> 25339

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agtagagacg	gggtttcacc	atgttgacca	ggctgggtctc	aaactcctga	cctcaagtga	180
tctgctcacc	ttgggtctccc	aaagtgctgg	gattacaagc	gtgasssacc	gctcctggct	240
gagataggtc	tttcttaaag	gggagaggga	agtgggtggag	agagaggaga	kaagatgaca	300
aaggaggaac						310

<210> 25340

<211> 236

<212> DNA

<213> Homo sapiens

<400> 25340

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ttgtttgcaca	aaaatctatc	atatattaat	atttataaat	aaagaaataa	gaacctactt	120
tagtcttttt	gtctcagagg	acagttttat	tacattaaag	atgattacaa	agcaacgcaa	180
gtcagcatga	ataatttggt	tccttggtta	ttgctgaatt	taaaaaaaaat	aggggt	236

<210> 25341

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25341

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catgtgccat	gacgggtgtgc	tgacccatt	aactcgtcgt	ttagcattag	gtatatctcc	120
taaagctatc	cctccccctct	cctccccgcc	caaaca			156

<210> 25342

<211> 375

<212> DNA

<213> Homo sapiens

<400> 25342

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aggcactttt	aagaaattct	agagctccac	agagtagatt	taggaaacta	ctgatctagt	120
gtgttttttt	tcattttaca	aatgaaaaat	tgagaccaa	aggcctactg	acgtatccaa	180
aaatcacata	gtggaagagt	tataaacaaa	tagaactata	gtttctgact	ctgggatggg	240
attctagtga	actaagaagt	ttttctaata	tctctgarga	tatttacact	ttttgatgat	300
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tgttttccay ctgat

375

<210> 25343
<211> 144
<212> DNA
<213> Homo sapiens

<400> 25343
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ctaagtaaaa ctaagctcat tagtgacaga cttgttttct tcttggtatt cctccagcaa 120
ctccctcacc accacgcctc ccgc 144

<210> 25344
<211> 103
<212> DNA
<213> Homo sapiens

<400> 25344
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aaaatgtctg attaccccat tttatcagtc ctgactgtac tct 103

<210> 25345
<211> 298
<212> DNA
<213> Homo sapiens

<400> 25345
crsatcctgt tsatttcate agattctgtg cagcagcttt ttaatttgaa gtaatctgag 60
tcattctattt tttcctttgc tttcctgggg tttgagttta aatcataaag tcaactgccag 120
ctgggtgtgg tgattcatgc ctgcaatccc agcattttgg gaggccgagg caggtggatc 180
acttgaggcc agtttgagaa cagcctggcc agcatggtga aaccccgctc ctactaaaaa 240
tacaaaaatt agccagactt gatggcacac acctgtagtc ccagctactt gggagagc 298

<210> 25346
<211> 99
<212> DNA
<213> Homo sapiens

<400> 25346
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attttttagtg taagaaatgt accctctcca cactccaaa 99

<210> 25347
<211> 154
<212> DNA
<213> Homo sapiens

<400> 25347
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ctcgtgatcc gcctgcctcg gcctcccaaa gtccctgggat tacaggagts agccaccgca 120
cccccgccct gttttgcttt gtttttaact gggt 154

<210> 25348
<211> 366

<212> DNA

<213> Homo sapiens

<400> 25348

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attgaagact	ttacaaggag	attagaaatc	tttggaaaac	atatgtgatg	aaattgagct	180
atatgattta	tcagagatct	gattccaaag	agcacagaat	actgttctca	gaccatgaaa	240
ccagacaaca	catgtattgg	tttaaactcg	ataatgacag	gaaaattccg	aactagagca	300
gtaaattcaa	atggtaagat	gaatcctaga	aggcctctga	ttgcagcatg	ttgacaccaa	360
ccccac						366

<210> 25349

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25349

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gctttgatta	gaaataataa	cagctaacat	ttgaggattt	actgtgtgcc	ttgaacgctg	120
ctaagctctt	tatatatatt	acatattgag	tggtagaatc	aggattcaaa	tccagatctg	180
actccaaagc	gctaac					196

<210> 25350

<211> 224

<212> DNA

<213> Homo sapiens

<400> 25350

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ttccttctct	tgtaaagggt	agaagaataa	aattgtgatt	tttataacct	gtgcttatta	120
ctcaaattgt	cttcaacatc	tttttaaaca	acacatacct	tttgaatgtt	cagtttctat	180
tttgcttgag	gtatttttga	catatgtgcc	ttgtgattgc	cgcc		224

<210> 25351

<211> 283

<212> DNA

<213> Homo sapiens

<400> 25351

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gctggcagcc	gggacgaagg	gaacttacct	ggaagtgaac	tcgaactact	tttcccaagg	180
ggcggttcgg	tagcccaggc	cagtcgcccg	cctgggaaat	attacagttc	aggaaaaataa	240
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<210> 25352

<211> 125

<212> DNA

<213> Homo sapiens

<400> 25352

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gaaaa

125

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 <213> Homo sapiens

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 gargtgattt aaacactaaa gaggtascaa agahccaaag taagttgarg aattactgtg 180
 ttcttttaaag acaaaagcag a 201

<210> 25354
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 25354
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 gactttccag tgggataaga tatggaggtg ggta 154

<210> 25355
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 25355
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 agtacctgaa gtgagctgaa ctt 83

<210> 25356
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 25356
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 gctgtgaaca ttcattgtacc gacaggtctt tgtgtagatc cgggctttcg tttcccttgg 180
 gttaataacct aggagtagag tggctggatc ataggggagg catatgtttg agtttttaag 240
 aaaccgccac attgttttcc aaggcagca 269

<210> 25357
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 25357
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 actcctgacc tcaagtgatc caccgcca 88

<210> 25358

<211> 346
 <212> DNA
 <213> Homo sapiens

<400> 25358
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 ttgtcctgat actaaggaca agtatgctca tataacatta acagacaaga cnsttttcak 120
 waagacaggc aacgtgttgg accttccgga gcttctcaga agacagaggg ttttcttttg 180
 aggctgttgt acagtggcct gattatagct cactgtagcc tcgaaattct gggccgaaat 240
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 ccagagtgc ggcattgtgat cccctcgaca caagaaacag gccccg 346

<210> 25359
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 25359
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 ctttaacca atcctacccc caa 143

<210> 25360
 <211> 326
 <212> DNA
 <213> Homo sapiens

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 aaaatagaaa tcttagccag ccgtcatggt gtgctnctgt agtcctagct acttgggaga 120
 ctgaggtggg aggatcaatt gaaaccagaa ggtccaggct gcagggaact gtgactgcac 180
 cactgggctc cagcttgggt gaaagagcga aaccctgcct caaaaagaaa aataagatgg 240
 atgtttctgc attaaaatta gggagttgtc gtataatgta gttgcataaa ctagtattct 300
 gtgcttghgt ggttaaagag cctgaa 326

<210> 25361
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 25361
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 tcgccattct gtagtcttca gggtcagctg ttgataaagg ggcaggcttg cgttattggc 120
 ctmsattttg ctgcagatta aatcctttga ggattctctt ctcttttacc atttttctgc 180
 gtgctctcac tctctcttct tctctctagc ca 212

<210> 25362
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 25362
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 cttttttcc tagaacttta atattaacat ggaaaattct gaaatggaca acaaaaagat 120

aacactttgt gtatggggaa gaatatcatg cagttgatga cggt 164

<210> 25363
<211> 166
<212> DNA
<213> Homo sapiens

<400> 25363
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gagttcaggg ccagcctgga caacatagta agaccctatc tctaccccc taataaatta 120
atttaaaaag ccccccaatc tgtggtatit tattatggca gcccgga 166

<210> 25364
<211> 375
<212> DNA
<213> Homo sapiens

<400> 25364
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ttagaagttg acctcagaaa tatgtctaca tcattttgaa agcatcttcc agcaccacag 180
aaatcgactc agatggagaa aggacactga gtggacaggg gccaggatgg ggcgtggacg 240
ctctgcctct gccggggaca aggccttccc acagactccc tgggggtgtg ccagcctgag 300
tcagagatat tgatgtaatg cctaccgtgk vcagacacgc tgcgaggccc tggggatgca 360
gccacaatcc caacg 375

<210> 25365
<211> 224
<212> DNA
<213> Homo sapiens

<400> 25365
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atcttgggaa atgagcactg agtaggttcc tgagtctggg tttcagagtc tcccacttgg 120
agggtggcagg ctatgcttct cagcagggtc ctctgtgttg cagtgtgggg ataaatggct 180
gccacagaaca cagaataccc tcccttcagc tatgtggcgg gcct 224

<210> 25366
<211> 278
<212> DNA
<213> Homo sapiens

<400> 25366
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tgaataaagc ctttgtatct ttctttctct aatgttgtat catactcttc taaaacttga 120
gtggctgtct taaaagatat aaggggaaag ataatttgt ctgtctctat attgcttagt 180
aagtatttcc atagtcaatg atggtttaat aggtaaacca aacctataa acctgacctc 240
ctttatgggt aatactatta agcaagaatg cagtacgt 278

<210> 25367
<211> 282
<212> DNA
<213> Homo sapiens

<400> 25367
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ttctccaatt gttggcatat tgtttactat gtaacttaca gacactgaaa aggatcctga 180
tttgtttcag aatgggaaga aagtctggct gatggtcttg cacatggaca ctttaacctg 240
tatgttgcca tctgtagcca atgattgtaa cttctgtaat gm 282

<210> 25368
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25368
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aaaagtttat atactctctt aggaatcatt gtgaaaagat caagaaatca ggatggccat 120
ttatttaata tccattcatt tcatgttagt gggagca 157

<210> 25369
<211> 222
<212> DNA
<213> Homo sapiens

<400> 25369
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tgggccgtag gaaatgagcg ataacgatga catcgagggt gagagcgacg ctgacaaacg 180
ggctcatcat aatgcactgg aacgaaaacg tagggggccac gt 222

<210> 25370
<211> 102
<212> DNA
<213> Homo sapiens

<400> 25370
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agctggggag aaggcgtggg aggaagatgg actcgggtga gc 102

<210> 25371
<211> 200
<212> DNA
<213> Homo sapiens

<400> 25371
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tttgaagggt cttccaaaga tcttgacgag gcactcttcc cgtctttctt agtaattttk 120
tctttgcagt tattagtcac tgtcttctaa aaatatTTTT taactttatt cccccacccc 180
ttccttcctt accaccaccg 200

<210> 25372
<211> 304
<212> DNA
<213> Homo sapiens

<400> 25372

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atgtcgtgtc	gaaacaatat	tgtgtaacta	tatcttttaa	agacaatcct	gcaataataa	120
aactaataaa	cataatgtaa	tgacatttgt	aaagtgtatc	ccagaactat	cagtagatta	180
ataaatattg	aggaaaagga	acatcctcag	tcaagtaagt	ttagagacct	tattgagttg	240
cttgctttac	tgtaagattc	ctcaagacat	ttaatatatg	tgttaaaatt	ctctaagaga	300
cacc						304

<210> 25373
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 25373						
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gagcagaact	gaaggaaata	gagacacaaa	aaacccttca	aaaaattaat	gaatccagga	120
gctgtttttt	tgaaaggatc	aacaacattg	atagaccact	agcaagacta	ataaagaaga	180
aaagagagaa	gaatcaaata	gatgcaataa	aaaatgataa	agggcataatc	accaccaatc	240
ccacagaaat	acaaactacc	atcagacaat	actacaaaca	cctctatgca	agtaractag	300
aaaatctaga	agaaatnngt	aaattcctcg	acacatacac	cgtccc		346

<210> 25374
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 25374						
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actgaatctg	ctacaaaaac	agttaatcag	tgagtcgatg	ttctattttt	tgttttgttt	180
cctcccctat	ctgtattccc	aaaaattact	ttggggctaa	tttaacaaga	acttttaaatt	240
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<210> 25375
 <211> 153
 <212> DNA
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<400> 25375						
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aataacattt	ttttactgtg	ttaacctact	agtaaaaata	caaaaataga	gtaattatag	120
gctttcggga	agcttaagct	ttagagaacc	acg			153

<210> 25376
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 <212> DNA
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<400> 25376						
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tggaccaagg	tgggccatac	caactccctc	tga			93

<210> 25377
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 <212> DNA

<213> Homo sapiens

<400> 25377

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aatgcactgg gagaagagca tccagggcct acagtttaca ttctgtattg tgagctatca	180
gttgctatga tttactgaat tgaggggtac gttatgagaa agtgaaatct gggttttcat	240
ctcttccctc tcaactcttac attttaaact tttctccttc tcaagagttt tcacattctc	300
ctgcaaatat gctc	314

<210> 25378

<211> 202

<212> DNA

<213> Homo sapiens

<400> 25378

aaaacaggat ttgcttagta cacatggaaa gtcacataaa atygcmgca ttttttctag	60
tcagtctggc aaggaacagg attaagggtt ggatatagat gtgggcatct gagtttgagt	120
tttggggcca gtacttccat ctgtgattat tgtttatagg cataacaaag tgaggaggag	180
gccaaaagag aaaatggggg cc	202

<210> 25379

<211> 85

<212> DNA

<213> Homo sapiens

<400> 25379

taaaaaataa atatacaaga aatttarata tggaacttt caambgaagt ttttagcatt	60
catatttctg aagttattaa agctt	85

<210> 25380

<211> 383

<212> DNA

<213> Homo sapiens

<400> 25380

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gttccatttg tccagaata cggtcgcgta ccgctgtgac atgagtgtta gggaaggcgg	120
gttgtcacgt ttctacaagc cttccagtca aaagggaac cttgcctaag tcctttagt	180
tgagaaatct ctaagagggtg gaagcaaata ctgcacatgc gtgttggtcc tgtgagggaa	240
accagctagt ggagaggagg aggttgaagg aacagaaaaa tgagaagaca actcactgga	300
ggctgaagtg ggaggatcgc ttgagtctgg aagcttgaga ctgcagcaag ctgtgatcgt	360
gacactgcac tccagcctgg gca	383

<210> 25381

<211> 399

<212> DNA

<213> Homo sapiens

<400> 25381

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aaatactttt atttacatat taaattatag aatactgatt ccagtatgac tgaactctaa	120
ggattctctt cacacaggta tctacaggag gtgggttata cagatactat tctagatgtg	180
aatctaaac gagtgcgagc tttgttgggc ttttcaagtg atgtcacgga cagggaagat	240

gacaaaaatc aggactcagt tgtaaattggc acagaggctg aagttaaaga gacagcaatg 300
attgcaaaat ctgagttaac agattctgcc tccgtgctgg ataatttcaa attccttgaa 360
agtgcagctg cagatttcag tgatgaagat gaagatgat 399

<210> 25382
<211> 218
<212> DNA
<213> Homo sapiens

<400> 25382
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tttgcatcc caccgcgaat gacttgagag ttctatggc tctgcaccct tgccagcatc 120
tgctgttggc agtgtgttgg attttggcca ttttcatagg tggatatctg tgtttgtttt 180
aattcacagt tccctagtga ttcataatgt ggagctgt 218

<210> 25383
<211> 500
<212> DNA
<213> Homo sapiens

<400> 25383
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gaaagtttct tgttcatact caaatagtag ttattttgaa gatattcaaa cttatattga 120
agaagtgact ttagttcctc ttgttttaag cttctttcat gtattcaaat cagcattttt 180
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aaagcatcgg actgaaccaa ctttggaat aatttatatt tataatgggm wcatgttaaa 420
gtagaagtag ctttttatgc aaatacatgc atttatgcaa tattaatgta agggctctaa 480
aacaatggag tagagccaga 500

<210> 25384
<211> 464
<212> DNA
<213> Homo sapiens

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gggatgctga ggcgggcgga tcacaaggct aggaatttga gaccagcctg gccaacatgg 240
tgaaatcccg tctctactaa aaatacaaaa attagccggg gtgtggtggc tgtggtaaaa 300
ggtattttgag gagaaaaaag aaaaaaagg aggtggggca cagtgggtcc tgctgtaat 360
cccagcactt tgggaggccg aggcaggagg atggcttgag cccaggaggt caagaccagc 420
ctggcgagac ctcaactcta ctaaagmttt aaaaattagc gcgc 464

<210> 25385
<211> 507
<212> DNA
<213> Homo sapiens

<400> 25385
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ttattttcct atcatttact taccatggga acttaggcatt tttgaacttt aatagttatt 120

ttactcatga gccaggctgg agtgcagt

388

<210> 25390

<211> 416

<212> DNA

<213> Homo sapiens

<400> 25390

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tctagatcac agtgaagctt taatatggkk ggatatttgg cccagcccaa atcccatgct	180
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acatctctga tgaatggcct agctcatcct cttagtgtat atgagtgtat yctcacaaga	300
tctggttgta aagtgtgccc caccacsgcc attctttctc ttgttcctgt tttcttcatg	360
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<210> 25391

<211> 96

<212> DNA

<213> Homo sapiens

<400> 25391

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ttttagtctg ttccatcaat ctaccttct tttttt	96

<210> 25392

<211> 158

<212> DNA

<213> Homo sapiens

<400> 25392

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ggctctacct cttgggagct gttttaacct ttatttacgg agtgcctasc atatgctgga	120
cagtgtgctg ggcattagga atagagtgkw gggcgcaa	158

<210> 25393

<211> 227

<212> DNA

<213> Homo sapiens

<400> 25393

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ttattacatt tttagcacat agatgtaaag aaatagatat tacatattct tatttgtatg	180
gtcagtgaag gcaaaagaga tgagaatgga gagattgatg tgagcgg	227

<210> 25394

<211> 307

<212> DNA

<213> Homo sapiens

<400> 25394

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atgcattgaa gagactgggt gtacccttgg ctggagaggc tgatggaagg ccagagttat	120

tggtgggcca ctgagcagcc ctctctctct atttagtcac cctgcttgga gtatctgact 180
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 cgasrk 307

<210> 25395
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 25395
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 ttgtcaagtt agtgtattgt tgctgacaag attttttctt t 101

<210> 25396
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25396
 aatcctgact sacgttgtga sacatttact gtagctggag cactctctct cctgctcatg 60
 gaactttact cccccagtc ctgctyyyta tccctgccct agtccagaga agccatctat 120
 ctttcatcca cttcacagaa tasagtctca ttttctctca gaaacagctc accattaatc 180
 agtgcataag agggcccc 198

<210> 25397
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25397
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 tagcctctc 130

<210> 25398
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 25398
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 ttagattcca ggggtacat gtgcagggtt gttacatggg taaattgcga gtcgcagggg 180
 gtttgttgta tagattattt tgtgaccag gtaatgagca tagtacctga caggtagttt 240
 ttgatctcca cgcc 254

<210> 25399
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 25399
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aatgagaaca	aagttacaac	atactagagc	ctctggacac	agctaagaca	atgttaggag	180
ggaaatttat	agcactaaat	cccacatcaa	aaagttagga	agaactcaaa	ttaataacct	240
aacatcacaa	ctgaaagaac	tagagaagca	agacaaaacc	ccaaagctag	aggaagacaa	300
gaaataactg	araatctgag	ctgaactgaa	agaraccgag	acctt		345

<210> 25400

<211> 243

<212> DNA

<213> Homo sapiens

<400> 25400

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ggagaagaaa	gtgggtttat	tgtatttccc	ttaagattgt	gagggagtgt	ggatacagta	120
gaatgagcca	acagtttctt	tataataaat	acggtctgca	ataaattatt	tcactagctc	180
taaaaccttt	ccctagattt	tagtagggag	ttggtttctg	ttaatatctt	tgggtgctgt	240
gat						243

<210> 25401

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25401

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<210> 25402

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25402

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<210> 25403

<211> 127

<212> DNA

<213> Homo sapiens

<400> 25403

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ccccacc						127

<210> 25404

<211> 452

<212> DNA

<213> Homo sapiens

<400> 25404

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ctattgaccc	aaagatgttt	aaaattagcc	ctttttaccc	ctcattaacc	agattgattc	180
atgctcctct	caccocctaaa	ctcattttca	gtctgggttt	ttaaatggta	taaccaacca	240
aaatgcttac	aattgtttctc	gaggtatgtg	accctaccaa	catcattatg	cccctttggc	300
cacttcatga	aatgctttctc	tgtagtttgt	tggcataaaa	cctgcaaagg	taacctttgt	360
gcaaaaagag	acctgactac	tgggaaccatg	takkaataat	gtcctttctct	attagcagtc	420
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<210> 25405
 <211> 419
 <212> DNA
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<400> 25405	
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ccttgggagg	ctgaggcdng
gagatcgcg	cactgcactc
	cagcctggca
	acagagtgg
	actctgtctc
	aaaaaaaa
	60
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	180
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	300
	360
	419

<210> 25406
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 <212> DNA
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<400> 25406	
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aaagtaataa	ctcaaagaca
	gtcaccgagg
	gt
	60
	120
	180
	240
	300
	332

<210> 25407
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 25407	
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attacagtct	cttatccatt
tgttgagcta	attaaatgtg
	aacctgm
	60
	120
	180
	240
	268

<210> 25408
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 <212> DNA
 <213> Homo sapiens

<400> 25408	
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	tcttttgtca
	tttaattaaa
	tttcattatg
	atttcttatg
	60
	120

tgaataatgg attattttcaa attatatattt ttatttttcca atgtatgagg ggatctacta 180
gttatcttct tgttaaaaaa attctggcat atactgtctg ttcac 225

<210> 25409
<211> 115
<212> DNA
<213> Homo sapiens

<400> 25409
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<210> 25410
<211> 203
<212> DNA
<213> Homo sapiens

<400> 25410
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taaaacataa attagtcaat ttggggagct attaaatttt gatgttgctt cagttatttt 120
cattaataac ttttgctaaa atttaccttt taaaagttct gaaatttggg gttggtattg 180
caaatgaat tgaacggggg gca 203

<210> 25411
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25411
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gacagtgtct ctctagacag cttcaacaat gataggttct ggtaaccata aagttgctat 180
gcatactact catttggaac accagtttct gagaactgaa atagaataaa acacatcttt 240
gcagtataac tatgttgggt gtaactgagt cacctgaaaa agtttggaag ctggggaata 300
acatgtggtg cagggc 316

<210> 25412
<211> 112
<212> DNA
<213> Homo sapiens

<400> 25412
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gtstgtgtgt magttctcta tgccwtacc catttcwtaw tctgraacac cc 112

<210> 25413
<211> 180
<212> DNA
<213> Homo sapiens

<400> 25413
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atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt tgtcatgtgg 120
tgagtcaaat aagaccattt tgattgtaaa ccataaaaata gttcagcaag tagccccaga 180

<210> 25414
<211> 385
<212> DNA
<213> Homo sapiens

<400> 25414
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gtattcaggg attataacct attgattaat aaatggatta tagtaattta ataagggatt 120
agatggagga ataggaaata ctcttattat aaaagggttca tgaaatatcc ataaagcaat 180
ataagggttat tcaaaagcca gcggaggtag ttgcaaatat gattgtaaac tctaggacaa 240
taacaaaaaac aaaattgawa tgaattaaaa ttgatgtact gagaggtgaa agaatcaaat 300
tatattarac atacaatcaa aactagagggc tgagtacagt ggcatatgtc ttgcagtttg 360
ttctgctgaa gtattgvccc ccaac 385

<210> 25415
<211> 275
<212> DNA
<213> Homo sapiens

<400> 25415
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caaagtctga cacaagtag atgctaaaaa cagaataagc cacctctgcc ctttcatttc 120
ttctacttct tctgtgtyaa tgggcaaatg aatggctcca atagaaaggc atggctagcc 180
ctcccagtta atacgttttc aggccaaagc taaaatgaaa ttgggactaa aatgttaaaa 240
tgtttactag aratataaac ttgcattcgc accga 275

<210> 25416
<211> 162
<212> DNA
<213> Homo sapiens

<400> 25416
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ttacattagg tatttctccc aatgctattc ctccaccggc cc 162

<210> 25417
<211> 295
<212> DNA
<213> Homo sapiens

<400> 25417
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atgttttgag agaagagaga tctttgagaa agcacctgta gaaactgctt tctctgtatc 180
tgactttaca gctgagagga aaaagtcagc tgatcgtgtc cagattattc catgtaaaaa 240
cagaaacacg tagccttggt ctgggcaatt gcaacagttc ctaaattggcc ttaca 295

<210> 25418
<211> 167
<212> DNA
<213> Homo sapiens

<400> 25418
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 caaacacaaa taaatatatt atttaaaatt ctggaagtaa tataaaaggg awaatatatt 120
 tataagadag ggataaakgt aatakagccc ttctgcccc caccaca 167

<210> 25419
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 25419
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 aggcacaaaga atagcttgaa ccgggasmgt gmsgatgcag tgagccgaka tcgcgcccct 120
 gcactccagc ctgggcgaca gagactccgt caaaaaaaaa aaaa 164

<210> 25420
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 25420
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 aagtaaacad ggcgct 136

<210> 25421
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 25421
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 ttcaaataaa agtttgcttg cagaacctgg caaaatgacc cattatgaga gtttagatgt 180
 ttttaatttta tgtgctccca gctactctgg agtctgaggt gggaggatca cttgaggcag 240
 aggttgaggt aagctgagat tacactactg cactccagcc catgtgacag aggaatgaga 300
 gccagtctca aaa 313

<210> 25422
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 25422
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 gtgacttcag tttattatct tcttggtgac ctactttagt atgtgttctg tagcgattca 120
 tattagttaa gggatc 136

<210> 25423
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 25423

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tggtgttcca gacctcactt caacttcttg gtctctgaac tgggttttagc tagcatgcat	120
gagagacagt yttcatgtat aatgtttctg ctctgttaact ggaaagtggg ttactttgca	180
taaatgctga tgaaaacttc atgactatga gacttttctt ctgtgtatca agaaaaagct	240
tgctcgttgg caagcaattc acaagggtggg gacagacttg tactttaaca tgtagtccat	300
tcaagcaaac c	311

<210> 25424
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25424	
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gatataaaag acacaacaga cttgatgttc tctagactgg aaataattga mgacaaaatt	120
agggaaatag gagctgagac gttccccccag cagggcaccg	160

<210> 25425
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 25425	
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cctgagtatt aggaggatga agttgccatt cactgcagtg ggaagactga aatgggagca	120
gcaggcttgc gggagaagac tgggaatttg gttttgaacc tgttaactta gagacctgtt	180
gggcacctga gtgaggatac tgaatagttc tggggagaga gctgggcaag ggggatggat	240
ttgggcattg tcagcgtata gatgttattt catcatgaga ctgggtgaga agcacaaggg	300
aactagtaca gttggagaag agatggagtc tgcaaacctg aggtcaggag aaa	353

<210> 25426
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 25426	
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tgtgataaag attttatcac ctcatatgga aaacaccggc tgcactggat tcatcagtgt	120
taacttcctt tgaggaagct gccttatagt tttcatcact gggacca	167

<210> 25427
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 25427	
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aabatggttt gasargctgt tttagaaccc akgaacaata atcttttggk agtasaskag	120
wagaaaaaca cttataccaa ccgta	145

<210> 25428
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 25428
twattgcggt aactagactt tccagaatgg ttttgaatta tggcaaatac tttatatctg 60
aatgtagtgg acatggcttt gtgatttaaa aggtcttcat ttttaaaata tgtccactac 120
atTTTTtatt gttttattgt tattggagat aatttacaga gc 162

<210> 25429
<211> 72
<212> DNA
<213> Homo sapiens

<400> 25429
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gccagggatc ca 72

<210> 25430
<211> 124
<212> DNA
<213> Homo sapiens

<400> 25430
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catattttaga aactctcact ttctaaagct tgacaaggta tattagcatc tgaaacccca 120
agga 124

<210> 25431
<211> 331
<212> DNA
<213> Homo sapiens

<400> 25431
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tggattttga gtagctcctt gcctcccctg tcccctttga gttttttttt taggctgaaa 120
gacccttgga ggagtgtctg gagaagacat ggaagctccg taccctccc tcataccttg 180
ccctatgcat cttttctggt ttggtgtttc tgagtkgtat cttttatcat aaaagggtta 240
aactgaagtc cagtgggaca gcagagcaag cccatgatta caggcaatgt ccaccakkca 300
ttccctgcma cccattccc attaagcgcc a 331

<210> 25432
<211> 200
<212> DNA
<213> Homo sapiens

<400> 25432
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atataattat attacacttc tcaagtttag tagtgctaga caaataggaa gggagtttta 120
cattctttgt ttatttgcaa taatttcattg attgtcgtaa ttraactata gcccgagttt 180
aaagaagaag ccagccaaaa 200

<210> 25433
<211> 212
<212> DNA
<213> Homo sapiens

<400> 25433

agcgttctct ggtacgcacc attttggtta atgttggtg tgtttctgcg gtttgtgagg 60
tcacctcatc ctaacccgaa tcctgaagca gcgagagagc ggcgactgtt cacaggcatc 120
atctggctgc aaagaagaga acacactgtg tttgagggag gaggaaggag gatcagagtt 180
taaactcctg ccataatgca gggcacggtg gc 212

<210> 25434

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25434

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gaatagacca ataacaggtt ctgaaactga ggcagtaatt aatagcctac ccaccgca 118

<210> 25435

<211> 148

<212> DNA

<213> Homo sapiens

<400> 25435

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ctcgcccccac tgagacctcc gcctcccggg ttcaggcgat tctcctgcct cagcctcccg 120
agtagctgag attacaggcg cccgcttc 148

<210> 25436

<211> 140

<212> DNA

<213> Homo sapiens

<400> 25436

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gagaactgaa agaccagtag ttgtaacttg gtaaagagtt gatggtcgag ggtggagaga 120
tagattcttg gtgaaagggtg 140

<210> 25437

<211> 269

<212> DNA

<213> Homo sapiens

<400> 25437

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acgtatTTTT caataatTTT atatccttaa ttccagtgtt ttactTTT tccaagTTTc 120
atacaggcag cattacttcc atttatTTT agagattgga gcacattggt ttgcaccatc 180
gatagcacat ttgaaagt gagctacagt ttaggataaa gttaacctaa gaaggTTTTa 240
aagttaaatg aaatttaaag atgctgaac 269

<210> 25438

<211> 309

<212> DNA

<213> Homo sapiens

<400> 25438

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gtgagagaag	aaaagaaaat	tataacacag	acatcaattc	ctggtacact	gtagatgtaa	120
attcgaaaga	cttaacaata	aagcttctag	aagataacac	cagaaggtat	cttgggtgacc	180
ttagggtggg	gagagacttc	ttttaaacag	gacacagaaa	acactaacca	tgaagataag	240
gttgaaaatt	tgaactgtgt	taaaattaaa	aactttcagt	catcataaga	caccattaaa	300
gagggtagg						309

<210> 25439

<211> 460

<212> DNA

<213> Homo sapiens

<400> 25439

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gcatctaata	tttgatttga	gaaatactat	ttcattcaga	tttttgtctc	tttgagatc	120
ataaactctt	tctggaaggc	ttagggtttt	cctctgtctt	agatttccct	atcatgtcaa	180
tctccttggg	ttgtggtctg	ccagtcctgg	aggtttgact	gggagaggag	gtagaggat	240
aaatgtccaa	ggggccaatg	aaccttgctg	gtatactcca	gttccctacc	ccactgggct	300
ttgggctgcc	taatatttaa	tatcatacca	caggawyaag	gctgttgctg	ctggtttctg	360
tgabnttcca	aggcaatgca	rgtggagact	agcgtgaagt	ttaaagtgtc	tccctcagcc	420
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<210> 25440

<211> 126

<212> DNA

<213> Homo sapiens

<400> 25440

cbtttcatcg	ttgatgtgca	gaacaaagta	tgctgcttgg	gaaattataa	acatactttc	60
atttgaaata	ttgggtaata	tcaggagtcc	tttgctttta	tagaagtaga	tctggaattg	120
cTTTT						126

<210> 25441

<211> 184

<212> DNA

<213> Homo sapiens

<400> 25441

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aatatgagaa	aaagaatctg	tacatatact	atgatattac	tagaggaatt	gcctgtttta	120
gtcaaagcca	accttatgtc	ttgtatttct	tgtgtatcat	gtgaagtgtg	tatgtgtgtg	180
ttga						184

<210> 25442

<211> 436

<212> DNA

<213> Homo sapiens

<400> 25442

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tctccttatt	taagaacttt	ttataagaga	actctagttt	ttcaaaattc	tgdttaaaat	120
ggggccacca	gaactggaca	cactcttctg	ttgttcgtta	gtgttcgcct	tagatggccc	180
cacctctctg	tccctctctt	ctagctatgt	atatttcttt	tcaacaskka	agttgttaga	240
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caacttggct	aatgtccagt	tttatctaaa	gtgatgttcc	ctgtttgcac	agatgacttt	360

ttaaaatctc ctgcaaatgt gatccccctt agagccctac ctgcatgggt tgaatagcct 420
cagtagccaa tttcac 436

<210> 25443
<211> 64
<212> DNA
<213> Homo sapiens

<400> 25443
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ccca 64

<210> 25444
<211> 250
<212> DNA
<213> Homo sapiens

<400> 25444
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ttagttgttg gggattacaa aggtagaata ttctacctca aagggcataag aagtgaattt 120
ttttttttta aaaaaaaact acawtacaag gaatagagtg gycatttgca aaataaaaatt 180
tttattgaat tgctgaagca gttaaactctc asctgggagg gtcagggaag gctgaggagg 240
gatggctaca 250

<210> 25445
<211> 424
<212> DNA
<213> Homo sapiens

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gacaatttat gatattcaaa gatttttctg aagttgcaa atttattgac attgcattgt 120
aaccttacta ttctgtttaa aactaggatt tattgtgatg cttcctttcc cttttttaat 180
tatacctttg gttgctcttt tattttctta atcaattttg ctattagttt ttcagtttta 240
ttcagcttat taaagaacaa tgtaactttt tttttctatt ttctatttca gtgttttatt 300
tttatgatgc cctttwaaaa cactttgggt ttaatttgcg gtccttttvc tctttcttaa 360
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ttgc 424

<210> 25446
<211> 330
<212> DNA
<213> Homo sapiens

<400> 25446
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atgatatata tatcatatat atcatatatc atatatatat ttbcycaaat ttttaagtgt 120
ccatcataaa aaaaagtatc tgaaaacaat ttctcataat ttaaactttc ttttgcttcc 180
ccacacctag gtatgagacc cacaactgac atgggarttg gaaaggbagt gacatbggaa 240
ttggaraggc agtaacatgg gaatgggggt aattttcgtg gctcattcag ttggatgggc 300
tggggtcawa gtttttattg gtgggacgca 330

<210> 25447
<211> 101

<212> DNA

<213> Homo sapiens

<400> 25447

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ttttattttac agatacctca aggattcaaa atcaagggat g	101

<210> 25448

<211> 205

<212> DNA

<213> Homo sapiens

<400> 25448

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tatgtttacac attggcttct atatgaaatr rtttttgtgt atgttgtgag gttggatgtt	120
aatattcatt tttatctgta ccgatgtatg avagacagca caatttattg aaaatgaatc	180
ttttcstcat tgtactgaag cgtga	205

<210> 25449

<211> 198

<212> DNA

<213> Homo sapiens

<400> 25449

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cagttagggt tctcagcact ttctttcttc tatecttttt ttaactcttc atattatgtt	120
cagatgatca tactgtcaag gtttgtgtac attactgaaa atttgtattg tataaagctt	180
tttgcattac gaggctag	198

<210> 25450

<211> 230

<212> DNA

<213> Homo sapiens

<400> 25450

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tcaaattatc acaaattgctt cttggaatgt acttttccat ggattagtgt gttttatgtt	180
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<210> 25451

<211> 138

<212> DNA

<213> Homo sapiens

<400> 25451

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gaatctcttc gagcattc	138

<210> 25452

<211> 181

<212> DNA

<213> Homo sapiens

<400> 25452
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t 181

<210> 25453
<211> 469
<212> DNA
<213> Homo sapiens

<400> 25453
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tattatgtat cacttcttcc ttcatagagt ttttaaaatt catgtggcat atatttcagt 120
aggcttttca gtgagggtct gttatcctga agtctctcag tctttgagaa gtctttaatt 180
cactttcatt cttggatgat aactagaaat caaattccag attgacagtt atttttctct 240
attattttga agctactgta ttgtctctga tttctatggc tgctatggag aacttctacb 300
agcagggttag attcttggtg gtaaaactctc tttttcttct tgggtgcttt taagcttttt 360
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<210> 25454
<211> 207
<212> DNA
<213> Homo sapiens

<400> 25454
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taaattttga tgaaatcagc ttacctattt ttttcttttg tcatttatgc ttttgatgtc 180
atatttaaga ctttgtgtgg cccggtg 207

<210> 25455
<211> 158
<212> DNA
<213> Homo sapiens

<400> 25455
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taaagatgac ctgcttacag gttctctgag gcagacct 158

<210> 25456
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<212> DNA
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<400> 25456
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caaagagctt gaagacatgc acagctcaca ggccccgggt ggaggctggc gacatcagac 180
agacagaacc aagacatctg aggagc 206

<210> 25457
<211> 219
<212> DNA
<213> Homo sapiens

<400> 25457
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tctctagaaa tattagaggc taggctgctg ctgtatgtca gggctagtcc ctcttctatg 120
aatccagaat aactctgaag aagccgagta acaggcatga agtgaagaga aatcgctgta 180
acaggaagac agcaaagcag atgctaataga ccacacagt 219

<210> 25458
<211> 280
<212> DNA
<213> Homo sapiens

<400> 25458
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tcttatcata atgttcttgc acttgaaaaga atgtgcattc tgcagttgtg tgcaggtgtt 180
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ctgatatttt tgtctgtttt tctataaatt actgagagag 280

<210> 25459
<211> 121
<212> DNA
<213> Homo sapiens

<400> 25459
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aatgttttag cttccacata caaatgagaa catgcaatat ttgttttcct atacctggct 120
g 121

<210> 25460
<211> 266
<212> DNA
<213> Homo sapiens

<400> 25460
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ttgwkgtwgt tgttctgtca rgcacataac acagctatar gttcataaaa gacagtaact 180
gtaagggtttt gacaggggaa gaactatgaa aaaatgtgct ttcaaaactt gaatacacca 240
tatacaaagt agaaatgcct ggtgcc 266

<210> 25461
<211> 246
<212> DNA
<213> Homo sapiens

<400> 25461
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ttggcagatg aatattgcta attggtgcag tttcttcggt gcaggaaaga gtttccaatc 180

agaccggcaa ttcacgccc acatgaagac tcagcctgcc tgcacccagg tgaataaac 240
agcact 246

<210> 25462
<211> 331
<212> DNA
<213> Homo sapiens

<400> 25462
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gcccatatcc tgccacttta ctgaatttgt ttaatcagtt ctaatagttt tttggtggaa 180
tctagggttt tccaaatata agattatata gtctgcaaac aaggatcatt taacatcttc 240
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tttaatatcc caataaagct ttcaatacaa t 331

<210> 25463
<211> 448
<212> DNA
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<400> 25463
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cccaggatag tatcttgtaa agccagcctc tttattactt caccagtttt aaggctttat 240
tacttgcgac ctaaagcctg ctagtgaatt atgcatgtta gaactcacag caccgtctct 300
gccactctt ttgccacctt tttgggggtc caaaaagtac aaggcgagat cgacgtgtgt 360
tcattcccat ccattggtatt aatcndttat tcatttaaaa aaatctgcta acggaatat 420
ttccaktcag ctcatatc aattgtga 448

<210> 25464
<211> 129
<212> DNA
<213> Homo sapiens

<400> 25464
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atacaatttt gagctaagca ctcaagggtg atactttaca ttttaaagct ggaatcagca 120
acagcccgc 129

<210> 25465
<211> 420
<212> DNA
<213> Homo sapiens

<400> 25465
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aaagtaaaac ccattttctg gaaagaaagt caagatggct gcagaaattt acatacgtaa 120
tgaggagcca aatgttaata gccaaagaca tgggggaaat gtctccaagg catgtcagaa 180
acctactggg aagcttctcc cgtcacaggc ctggaggcct aagagggaaa aatgggtttg 240
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<210> 25466
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 25466
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<210> 25467
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 25467
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 atccatacaa tatgtatgca aagtaagttg attacaaaga gaaatttcag atcttgcaaa 180
 agagaaaata attcatggac tccatgaaag tgacattggg aaactgctgg aatcatatgc 240
 catggcccaa ttaagatctg agttaagcca aataaccatt aaagaagaga aaattgacta 300
 agatattgac ttgataggca ttaragagaa atattaggac cttttaggga ttaagggag 360
 tctttagtga aaagagatgc tctaaatatt ttggggaaaa 400

<210> 25468
 <211> 292
 <212> DNA
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<400> 25468
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 caactctttg ttgtgttaaa gagaaataaa tatataaaag cctaaaagta agctttcaat 180
 tctttatgtc tggcaaaatt gtcagtacaa tgtgccttga ggatataatcc atgggtgctgt 240
 cttacaaggt tattacgaaa gaataagctc atactataat aaccacccca at 292

<210> 25469
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 25469
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 ggttccatgg tgatgctagt atctttgagc ttccatttcc ttgtctgaaa aataaagtaa 180
 ttccactatc ttaaggttct gacataatga ataaatgaaa taatgcaagt tattatctca 240
 tttagcacia tgcccgg 257

<210> 25470
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 25470
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aagagcgasc ggctctgcgg t 141

<210> 25471
<211> 389
<212> DNA
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<400> 25471
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tacatctcaa tacacccag agcacagctc atacctttcc cttagtgttt cactgcactt 120
ctcaaaaaag aaaattaagt tgttgctttt ttttctccct tgacaggta atctgtgtat 180
tagaaatgga gacttaattt accaactcta gaatgggtatt aagaatctaa gttcaggagt 240
aagccactgc tctgtctctt ggccattctg agacctgtgc ataagtaatt tatgtataag 300
gcatagtttg agagactgga gcaattattt agaatatgaa gacgttctaa atttgtgcta 360
cagcaatgtc atccatctca tgggcccct 389

<210> 25472
<211> 193
<212> DNA
<213> Homo sapiens

<400> 25472
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ctccacactt agcctcctca atagctggga ctacagggtgc ataccacat gcctggctaa 120
tttttaaaat tttttgtaga gatggagttt ctgtatgttg cccaggctgg ccttgaactc 180
ctgggctcgg gta 193

<210> 25473
<211> 234
<212> DNA
<213> Homo sapiens

<400> 25473
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tataaaacca gagatgacat atctgtaaac agagcttgag aaatgaacaa ggcccagtgg 120
aagcagaaaa tttgatgaga ttagattttt tttttwagc ttctttgkgt accacagatt 180
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<210> 25474
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25474
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agcaatcgtc ctggttctgg cgatggttga gacgccc 157

<210> 25475
<211> 104
<212> DNA

<213> Homo sapiens

<400> 25475

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<210> 25476

<211> 439

<212> DNA

<213> Homo sapiens

<400> 25476

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cattagattc ttgttttagag attcttatta tcaaccttga aatgggtggg gttattgttg	120
gagcttaata ttaaacaatgt cttgattttac ataaataatt accattaaaa ctatcacctc	180
aaggccaggc gcagtggctc acatctgtaa tcccagcact ttgggaggct gaggtgggtg	240
aatcagttga gctcaggagt tggagatcag cctgggcaac atggtgaaac cccgtcttta	300
ctaararrat acaaaaatta gccaggcgtg gtggcgcatg gctgtagact cagccactca	360
ggaggctgag gcacgagaat cgcttgaacc caggaggcgg aggttgcagt nagccgggat	420
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<210> 25477

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25477

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tgaagcagca tataacagca tattcttcaa tataatatatt ttgtgtgtgt dccccaa	118

<210> 25478

<211> 275

<212> DNA

<213> Homo sapiens

<400> 25478

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aaatgcgctg cgtatctcat tcaactcactt cagctaataa ttccgacttg gcagacgcta	180
aactcatgga ggttcgggtt ctcttgatac aaaccaaaatg gctacctgga agaatttctt	240
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<210> 25479

<211> 176

<212> DNA

<213> Homo sapiens

<400> 25479

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tgaagagagt aaccttgggc tggtggagag cagcgtgggg gactcgaggc tccccctggg	120
cttgagaaac ctcgaggagg aggctggagt gcaggatgcc ttgaacatca gagcgg	176

<210> 25480

<211> 436

<212> DNA

<213> Homo sapiens

<400> 25480

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tactgctact	ttccctgtgg	cctaggcttt	gcctatttcc	agtgggagag	ctagctagat	120
cctcctccct	taaataagcc	agtgttttta	agacagaata	ctacttgcat	agtggacaat	180
aatatcttaa	agaactgagc	aggatgaaaa	gaatttgata	gaaagcaggt	ttgaggagca	240
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ttggacgtga	ccctggcacc	caggcagggtg	gatcccagct	ggggcttcca	ttcacgactt	360
tctggtcctt	ggcaggacag	agcgggatgc	caccagcttg	tccaaagggr	agttccagga	420
gctcctgggtg	ggcatc					436

<210> 25481

<211> 241

<212> DNA

<213> Homo sapiens

<400> 25481

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ttcagccctt	ccargctggt	gatcaagcgg	atgaccatcg	gaccgttatg	agaccacatg	180
gtcagcagca	ccgtatTTTT	gcaggcgcta	ttgatttcgt	gaagaaaggg	catgaccctc	240
t						241

<210> 25482

<211> 124

<212> DNA

<213> Homo sapiens

<400> 25482

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tagtagarca	tgctttcarg	atctkacagc	tctgctagta	kascgagtat	ttattaatac	120
agaa						124

<210> 25483

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25483

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gagnkrgtgg	ca					132

<210> 25484

<211> 293

<212> DNA

<213> Homo sapiens

<400> 25484

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aatcaatctc	ctcaaacac	catgcaaagg	cgtatccatg	gcaacctcaa	aaggaaggac	180

acagagatga tgcttcagtg gctgcagcag gaaaagctct tcgcctctcg gtaccttaag 240
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<210> 25485
<211> 376
<212> DNA
<213> Homo sapiens

<400> 25485
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tccgtggatg caaaactcac tgataaggag ggctaactct gtaattgagc caagagcaaa 240
ccttgttcac aggaagaatg caacatccct acagttttgg ggaaccactc tttgaatccc 300
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gacttgtagg tggcta 376

<210> 25486
<211> 167
<212> DNA
<213> Homo sapiens

<400> 25486
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ccaaaaaag tctattgggt ttttaagtcta cattttaagt aacaagttaa tgggcagttg 120
tttaattggg gttttacttc actgttgtac ttttaaggg gctgtcg 167

<210> 25487
<211> 244
<212> DNA
<213> Homo sapiens

<400> 25487
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taaggcaaga actgtccttt ttgttgctcc ccacagtgc agtaaagtgt tttkgcatca 120
kacttaacag acaacagata ctttgcatca tacttaacag acaacaggtg attgttaagt 180
gaaatgaatg ggccttaaac tagtaggatt tcttcaggtg aaagtggtag ggcaggcag 240
gcac 244

<210> 25488
<211> 98
<212> DNA
<213> Homo sapiens

<400> 25488
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tttctacata gacatgccgt ctataaataa acccttct 98

<210> 25489
<211> 274
<212> DNA
<213> Homo sapiens

<400> 25489

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aagcatagca agagtgactt ttactccaat tcccaatagg ttctcatct ccattctgaga 120
cctcctcagc ttggacttca ttgtccatat cactgtcagc attttggtca aaaccattca 180
aaaagcctct aggaagttca tcttcctttc ttcttcctag ccctttaacc tgttcaaact 240
tcggcccat acccatttcc aaagctgcct ccac 274

<210> 25490

<211> 327

<212> DNA

<213> Homo sapiens

<400> 25490

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aaccatgagc caattaagcc tcttttcttt ataaattacc cagtctcagg tatttcttta 180
tagccgaata ataattggcct aagacagaaa atgtcacaaa accaaacaag caaacaaca 240
acgagcacat cactgtrata atgatctcct cactcttctg aacttttaag tttcctcttc 300
ttggagggtta ctgtcttcac cagacgc 327

<210> 25491

<211> 208

<212> DNA

<213> Homo sapiens

<400> 25491

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ctttttctga gagtacctca tagggctcct gcctgatctt ttagtattgt tcattcatcc 180
atccacctgt tcatttgttc acccatgt 208

<210> 25492

<211> 171

<212> DNA

<213> Homo sapiens

<400> 25492

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aaccacaggt taggtgagag tgaatacaac agacgacaag gatgatgagg g 171

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<211> 167

<212> DNA

<213> Homo sapiens

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gttgtaagaa ttataagcac aaatgtatgt aaagtgcctg gcaccgg 167

<210> 25494

<211> 177

<212> DNA

<213> Homo sapiens

<400> 25494
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 tcttgccatt tgcattgatga ctttaccaca gcagttagaa gaagagttca cagaagc 177

<210> 25495
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25495
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 caaaatcacc aaatttgggg aaatgccaga cc 152

<210> 25496
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 <212> DNA
 <213> Homo sapiens

<400> 25496
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 aaccctgtta gcaatattct tttgaaaaaa gtgccagtcc ttatgtgata aactaagaag 120
 cccattgaat ataaaagtgt gtaggactga aacagtgacc ttatattatt gctaagggaa 180
 tatgagatta acttcctaca agggccct 208

<210> 25497
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 <212> DNA
 <213> Homo sapiens

<400> 25497
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 attgtgccac tgcacccak cctaggtgac agagtgakac tccatctcaa aaaa 114

<210> 25498
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 25498
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 gtcaggatgg tctcaatctc ttgacctcgt gatccaccgc ccttggcctc ccaaagtgt 180
 gggattacat gcgtgagcca ccgcacctgg ccaagactgt cttaaaaaaa aaaaaatt 238

<210> 25499
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25499
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tggccatttt ttgtttggga ttttttgttt ttcaagggttt ttcatttttg tttattaggt 120
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<210> 25500

<211> 235

<212> DNA

<213> Homo sapiens

<400> 25500

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agctaacagg attacttggt ctaagtccca tggtaaaata gcttttgtcc tttccttttg 120
aaatatcaat ctcacattca aaaaactagc ttcaacttag tgcttggaact taaaactaag 180
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<210> 25501

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25501

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gtagtactcc ttgagcagcc cgggcgagcg caccaggatc tcgcctgtct cggacagctt 180
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<210> 25502

<211> 472

<212> DNA

<213> Homo sapiens

<400> 25502

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tatttgttca tgcatttttt tgatgataat atttatatta acagtgaaaa atgcacaact 180
cttaaggat caccatgataa gctttgataa atgcctctat ctgtgcaacc caaacctctg 240
tcaactatag aacaaaaagt tttattacct aattaattcc ctctgtgtgt tttccaatca 300
tcccaacaca taccctctcg caagtgatca cagttctgat gttttctcac tgtagattag 360
ttttgckttt tctggaacct catataaatg ggataatcag katgactctc ccttttgtgt 420
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<210> 25503

<211> 338

<212> DNA

<213> Homo sapiens

<400> 25503

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atgtgggtct tagcatttgc catgattgat taaaacaatg gcttgatagg agggttgggtg 180
cctccagatg ataaaacaac aaaagcacc ataccagcag taagatcagc asgctgagca 240
tggcggctca tgctgtaat cccagcactt tgggaggccg aagcaggtgc attgcttgag 300
ctcaggcatt cgggaccagc ctgggcaaca tggtaaaa 338

<210> 25504

<211> 142
<212> DNA
<213> Homo sapiens

<400> 25504
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ttcagctcta actctaggat atttgggtga tatctatgcc tctttttggt ctgtcagcct 120
ataaaagaaa taagaaggag at 142

<210> 25505
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25505
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gagctctcaa agaaactgaa ggaggctgtc cagataccac tttcattgaa gatgcagttc 120
atgtgtctctt aaaaactcgg cgcattctca agtgttctta tccatatgga ttttctcttg 180
aaccctg 187

<210> 25506
<211> 346
<212> DNA
<213> Homo sapiens

<400> 25506
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acatttaaag gtgtaaatta ccaaaaacgt ttggtggata gccacacta ctttgcctct 120
agttgtacca aattttctta ccattaaaag gactgtgaat tggagaatca agaggcacat 180
gagcaagatg gaaatgatga actaaaggac tctgaagaat ttggtgaaaa tgaagaagaa 240
aatgtgcatt ccaaggagtt actctctgca gaagaaaaca agagagctca tgaattaata 300
gaggcagaag gaatagamga tatagmaama gaggacatcg aagtca 346

<210> 25507
<211> 134
<212> DNA
<213> Homo sapiens

<400> 25507
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atgtgtgtgt gctgtaccba ttaactcgtc atttagcatt gggatatatct cctaattgcta 120
tccctcccc cgct 134

<210> 25508
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25508
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attcattatc tccaaaaatg tcatcatgcc ctk 94

<210> 25509
<211> 205

<212> DNA

<213> Homo sapiens

<400> 25509

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tttgggaaaa attccttagct gtccctaaaa tacagttata ccatcattgt tcctgtctta	120
ctgaaatagt ttttttagta tagaaagaat atttgaataa actagaatag aggtaactta	180
acatatctac atatgaagga acaga	205

<210> 25510

<211> 190

<212> DNA

<213> Homo sapiens

<400> 25510

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gggaatgcct ggagttggaa ttgatgccca ctccagcgct ttgtaccct ccagtgaac	120
gantgcaaca ctacacaaca caccagcac aacacactca gctcttaagg ctgacacagg	180
aaccggata	190

<210> 25511

<211> 374

<212> DNA

<213> Homo sapiens

<400> 25511

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ttgctaaaaat agatagatgt gatctgcaga agttgttttag tcttcatctg aatttcaggc	180
tgggagggag caatataact aaggacaaaa aatgttttgt ttttcttggt tatttatgat	240
cacctaatth caggttttgt gaaatggaca gtaacctgtt tcctgaaaga ttctgtggg	300
tactttttga gctgtgataa tagcaaaatt gtttttcggt aataatatca cactaatgct	360
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<210> 25512

<211> 123

<212> DNA

<213> Homo sapiens

<400> 25512

agaaacagaa agtcaaaacc tacatgtcct catttataag tgggagctaa acaatgggtg	60
catatggaca gagagattgg gatgatagac actggagact ccaagaggag aatggaaggg	120
gga	123

<210> 25513

<211> 359

<212> DNA

<213> Homo sapiens

<400> 25513

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aaaataagga aaaagtattc ccataagagc tataaactgc tcacctattt aaaataaatt	120
acttcttcag agctgcctta aaagggttaatt ttatttttaa catataagaa tttcctagcc	180
aaaagggtt tgtactataa gaaatacatt ttacatatta agaatagaaa tgtagtatga	240

<210> 25518
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 25518
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 gaatgttctt cacagatccc tcaaa 85

<210> 25519
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 25519
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 accgggag 68

<210> 25520
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 25520
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 ccagagaaaa aaagaagtga taataatcag ttttcttttt tttcctttac taaacaaaga 120
 cttgagtact tactatattc ctgttaatat tgctaggtgt tgaggataca ctagtgagcc 180
 aaaacagata cggtccttgc cctc 204

<210> 25521
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 25521
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 aaacagcgac gcgggaaatc gatttgtcac aaaggagag gtgtaaacgc agcgcaaagg 180
 aattgcttgc ccaatctacc agccacactc tctcgggacc ttgccccgcc aacttctctt 240
 cgccagagam acgcccagga gagcgggaac attttctagg gcgctccaa gttggaattc 300
 tcatcasagt aatatcagct tctagagtct cagcttttgc aacaaccctg gcgccagaaa 360
 ttttcttatg cagcaccatc ctgggactct ggggccact ggagc 406

<210> 25522
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 25522
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 tatatgtasa caattgcaca ttgatttgag gctttttttg ccactacaac ctccgcctcc 120
 cgtgttcaag caattctctg cctcagcctc ccgagtagct gggattacgg gcacccgcca 180
 ccacgcccg ctaatatctt tttgtgtttt tagtagagac gggata 226

<210> 25523
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25523
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 gccctaactt atgtgtcaag ataagaaaca ctgagtatca gctgccactg aaatagtgtt 120
 tattgcaact agtctggaat cctgtgggaa gattacctat gaagattaca aactgaagaa 180
 ggatgcaaat ggaaagaatt ttatgaaaga ttgaaacata attctaaatt tcagaatttc 240
 tggggtcaga agtaaagagt actaccg 267

<210> 25524
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 25524
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 agcgtgatct cggctcaccg caacctccgc ctcccgggtt caagcgattc tcctgcctca 120
 gcctcccgag tagccgggat tacaggcatg cgccaccacg ccc 163

<210> 25525
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 25525
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 ttcactttat ctcatattgat ccttttgata attctgtggt tggatcatt gccctattt 120
 tactgctgag gaaaatgaga gctagagaac ttctcaagct tacacgtgca ataaaataaa 180
 catagaacca ggactcaaac tcagatcttc tcaactgtkac ttcattgctt tttccatact 240
 accataacac ctcttttcat aaagttaatt ccattgtttg acaggcaatc ttcttgggct 300
 tattactgag tccttttccgc tcccccatcc tcttactaag gaccctagtg aaaggacatt 360
 tagagaggta gggaaggaag ctacttttgg ttcttggttc tttccaggta gttctaagca 420
 gtgcatcatg gtgtgggcc 439

<210> 25526
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 25526
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 ttttggtttg a 71

<210> 25527
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25527
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arcaagatca agaggatttt ttagtagttt aatagcctga

160

<210> 25528

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25528

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catttatcat gttttccttt atgtystaaa atgatatgag tgtctagatc tggatacctc 120

tgatggtctc ctattaagag gaacc 145

<210> 25529

<211> 158

<212> DNA

<213> Homo sapiens

<400> 25529

tggcatgtgc tggatgccc agctgctcgg gaggtgagg cgggagaatc acttgagcct 60

gggaggcaga gggtgcagtg agctgagatc gtcactgtat tccagcctgg gcgacagaac 120

gagactcgt ctcaaaaaaa aaaaaaaaaa aaaaaaaa 158

<210> 25530

<211> 207

<212> DNA

<213> Homo sapiens

<400> 25530

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aataaaatat tttcttcctt ttctccctg gtgacctagt ggtaatgttc tgcagtgttt 120

tatgtaggag acctggattt cattcctgtt ctcgttatct ctctccctag ggctgcaatg 180

aattaaataa gamataaaat cactagc 207

<210> 25531

<211> 415

<212> DNA

<213> Homo sapiens

<400> 25531

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gaagctaaaa tgtaaacatc ctactgccct atacaaaata gaatactatt atttcatctt 120

tatgctagtt acaagaaaga taatcttaac ctgcagtaac ctacctacag tagatataag 180

tgttcaacat gttgaatata cctatgawaa tattctaggt aaacttattt atgctcacia 240

tcaaaaaatat gtgattaaat attgttgggt ttttctaaac tccaagattg ctagtatgaa 300

ttttaatgaa gaatttctkt acatagatta attgrktact tcattcattt gtggatttga 360

aatgtaacta gttgcacatt tcctttatgc cagccargta ttgctgtagg agcac 415

<210> 25532

<211> 445

<212> DNA

<213> Homo sapiens

<400> 25532

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aactcggccg	atatacctcct	tggccaggaa	agattgttaa	tccaccaaag	gacttgaaga	120
aacctcgcgg	aaagaaatgc	ttctttgtga	aatttttttg	aacagaagat	caatagaccc	180
agccccattt	ctctatcaca	agccagctta	gcagcctgtg	gtggcagtat	ttcaaggaga	240
tcgctggcct	ggagctgtgg	agccagagct	tctggaagag	ggaatgttct	tagaactcca	300
tggatttaaa	aagaagattt	ggccgggcat	ggtgcctcag	gcctgcaatc	ccagtacttt	360
gggaggccaa	gtgcctggat	caaagtggaa	cagctgaagc	catatcatgc	tcataaagag	420
gaaatgataa	aaaattaaca	gggca				445

<210> 25533

<211> 98

<212> DNA

<213> Homo sapiens

<400> 25533

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ttgttttctt	tttctttttt	tttttttttt	tttttttt			98

<210> 25534

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25534

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gggacagtgg	agaagcagga	ggtaaggtct	caccgtctcg	ctgcgactgc	ggcgcggggg	120
cttcaggagc	ttgcagccag	acagc				145

<210> 25535

<211> 160

<212> DNA

<213> Homo sapiens

<400> 25535

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aaccccgctc	cggcaacgcc	cccttctctc	cggctcccga	ccgaactttt	ctccaacttc	120
tgcgactcgt	gagattccct	tctacccact	ccggccctcg			160

<210> 25536

<211> 422

<212> DNA

<213> Homo sapiens

<400> 25536

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tttttaaaga	aatttggtgc	atctaagttg	aatttttttg	tgtaacattg	tttatcctaa	180
ctttttactt	agctgtttct	cacactgagg	taataaaccc	ctataaggca	gagattattg	240
tattcttggc	atttgcataa	tactctacac	taaaaacaaa	taatgagact	gattcttagc	300
tttatctcat	cctttatcct	tacaattgat	attttgtcwa	tttatttayc	tkgtatatat	360
ttttatgagt	yccttcagat	tttctgaata	agaattttaty	cttaatttca	tgaagcacca	420
ca						422

<210> 25537

<211> 228

<212> DNA
<213> Homo sapiens

<400> 25537
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 ggagatatat ctggatgacc taccattagt gatgctaagt ttacattgt attggagcaa 120
 caccaatgca ttccatcctc cataacctta atgcttttac tctcctagtt tggctatctc 180
 tttctaaaaa tacagttccc agaccagcag tattagcatc ggcagcct 228

<210> 25538
 <211> 430
 <212> DNA
 <213> Homo sapiens

<400> 25538
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 ttgaaacgtg agcgcgaccc gaccttaaag agtggggasc aaaggaggga cagagccctt 120
 taaaacgagg cgggtggtgc ctgccccctt aagggcgggg cgtccggacg actgtatctg 180
 agccccagac tgccccgagt ttctgtcgca ggctgcgagg aaaggcccct aggctgggtc 240
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 ggcttcagtc atgctkdwgc agggnatgga agcacctgac tacgaagtgc tatccgtgcg 360
 agaacagcta ttccacgaga ggwtccgcga gtgtatkata tcaacacttc tgtttgcaac 420
 actgtacatc 430

<210> 25539
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25539
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 tacgttccac ttgacctccc ccaatcactg cggcggtccc cagtttcagc gtggccgcat 120
 ttggaaaagg ctgaaggtag aaaactctgg aatggttg 158

<210> 25540
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 25540
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 tcaatgttgg taatgatttt caataattat attggtagct tctaagtaag aacttttagta 120
 aattacccca ctctaattct gggttctgtg ctctcattct ctcaactaag atctgatgac 180
 tgagacgtct aaacacagtg ttacttttaa tgtttacctt acctgacttc tcaataactt 240
 acctgatgct attgactaca ccttcttga aattcttggt tctggatgtc cttacaacca 300
 ctctgtttt ttgacccc 318

<210> 25541
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 25541
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ctgggaattg	ttaagctttg	agctttccag	taagttttct	ccagtagttc	tctttgtcta	180
gtctcctgca	gtttcacctt	atgcatatac	aacttagtat	tcagccaaag	acttaaagga	240
actcttaggg	agactttcta	gagttatttt	tctgcataaa	tcccttttca	atcgaatcgt	300
gccata						306

<210> 25542

<211> 394

<212> DNA

<213> Homo sapiens

<400> 25542

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tgctgacttt	aatatatgaa	acctaatect	accccccttt	ttaacaaaaa	gaaactagta	180
catttgtgaa	aattgtgttg	tggtgtccat	tggtgtctta	gttctgacct	agaggtagct	240
ctggagtgat	tttagacctt	ctcactcagt	tggtgttagg	ttttttgtt	ttgttttgag	300
agagaatttt	tctctcctta	atagaagcat	cctttttaaa	gagaagttgc	cttggtccac	360
acactaagca	gaaaaccaag	ttatcaggac	gagt			394

<210> 25543

<211> 162

<212> DNA

<213> Homo sapiens

<400> 25543

agcgctgct	tccccctccc	cttcgcgcat	gattgtgttt	cctgagacct	cccagccacg	60
cttcctgtac	agcctgcaga	actgtgagtc	aaccaaactt	ccttttaaaa	taaattaccc	120
agtctcagct	aggtctttct	agcagtgtga	gaacggacac	gt		162

<210> 25544

<211> 432

<212> DNA

<213> Homo sapiens

<400> 25544

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cttcattggt	tttctttttt	aggtttttgt	gcaatgttaa	gaactttggg	atattattat	180
cgtctctgag	atattcttcc	agactgattc	tatctgatct	tgtgttccat	gtgcctgctg	240
tggttttaca	acccatctgg	gcaggctcga	ccagggcagc	tcaccctaaa	tatcccattt	300
gctctgttgt	aatctgggag	agtcattggt	tttttcaagg	ttcctatttt	atctgagaga	360
gaccaaattg	tttttcatct	gagctacagt	ttgaagactc	tgtttttatt	cttatcaatt	420
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<210> 25545

<211> 208

<212> DNA

<213> Homo sapiens

<400> 25545

acattttgtt	tttctgctat	ctaattggatt	atgctgctct	ggaacattca	tgtgatgctt	60
ttgttaattg	cttatacatt	ttattaagct	aatgagcgtv	gtcatagtaa	catataaaat	120
caagaatcgt	ttaacttttg	caataaaaaa	cttgatgttg	actctgaagt	agtaagatgc	180

aacttcaatg tactgggatt gaggcagc

208

<210> 25546

<211> 277

<212> DNA

<213> Homo sapiens

<400> 25546

aaaaatgcaa aagctattct tagctcatgg gccgtttgaa aaacaggcaa caagccagat	60
ttggcccaca ggtggtggtt tgttgactcc tgctattata gaaagaatga gagtaaaaca	120
aacctttccc atacagtctg atgctcatgg caagagagac gtgacccaaa gctgccgtgg	180
aagtcccaaa aagaggcact actctcagcc tgggaggatc tgggaggctt cagagaggta	240
atgcttgagc tgcattctga agctgagtgg agaaggc	277

<210> 25547

<211> 395

<212> DNA

<213> Homo sapiens

<400> 25547

ttaaggga aagtatcctg agggaccagg accatcttaa tgtgccargg aaatcagaca	60
gatgaratac aatataacga ataaaaatctt wctttttgca taaagccaag tctaasgatg	120
caagtvaact tacatgcaaa tataaaggct gtcagactaa tctatataaa tggcttccaw	180
agttccattt cagagaaaga watgaaggat ttaggggaga caatctttga atcawcakkt	240
taccttcgat tctttgcttc actgacttct kwcagtwtgg caaattgggg ttcattcacga	300
tttaaaagwv atgetgceer agcttgacaw wtgcagtcta agaagrkaat acrrattcta	360
watgcctatg cagttttctg tagttcccag cattc	395

<210> 25548

<211> 289

<212> DNA

<213> Homo sapiens

<400> 25548

caattgcttc aaagagaata aaatacctag gaatccaact tacaagggat gtgaaggacc	60
tcttaatgga gaactacaaa ccactgctca atgaaataaa agaggataca aacaaatgga	120
agaacattcc atgctcatag gtaggaagaa tcaatatcgt gaaaatggcc atactgccca	180
aggtaattta tagattcaat gccatcccca tcaacctacc aatgactttc ttcacagaat	240
tggaaaaaac tactttgaag ttcatatgga accaaaaaag agcccaact	289

<210> 25549

<211> 171

<212> DNA

<213> Homo sapiens

<400> 25549

ctgactcttg gagaaatttg agacaggaat gattagagca ggacagagtc cagaaacctc	60
ttacagaagc agcacgttag ggctcagttt cattggattt tctaggctat acattgtgtg	120
agggttctag ttaactattg aataataagt agaattgatgt accaggcact a	171

<210> 25550

<211> 271

<212> DNA

<213> Homo sapiens

<400> 25550

cgagatcatg	acattgcact	ccagcctggg	tgacagagca	agactctgtc	tcaatgaatg	60
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atttaccaat	ttaaggcata	taattcagtg	gtcttttagta	tattgataga	gttgtcaacc	180
attaccataa	tcaatttttag	aatattttca	ccaccaccta	mwagawwctc	gatacttgtt	240
agamstcact	taccattttc	ccctaaccct	a			271

<210> 25551

<211> 422

<212> DNA

<213> Homo sapiens

<400> 25551

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caggagatat	ggggcatcaa	atgccgactg	acactgcaaa	agcccagttg	tctatgaagt		120
atttattgca	ggatggtgtc	tcttcttttag	aacagggaaa	ataggcagga	agcccaattg		180
ctggagtact	tagctagttt	tattctttggt	tttccctttg	ccttcattct	gcaagtatac		240
tagggagcca	tttgagaggg	aaaactatga	aatcttgctt	tttgaaatga	ttctaaaagc		300
ttctatcact	gctttgctct	taagagccaa	agttgtaggc	cttttgaaat	tttaggagag		360
tgagcctata	attkcaagak	accttaaaga	gcaaaatttg	agccacctct	tccaagtgcc		420
ct							422

<210> 25552

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25552

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tcctagggag	ttgcagggtca	aatatctaac	cacttaccag	aaggatgagg	aaaagttgtc	120
ggcttatgta	ctaaggctgg	agcctttgtt	acagaagctg	gtacagagag	gagcaattga	180
gagagatgct	gtgaatcagg	cccgcccg				209

<210> 25553

<211> 122

<212> DNA

<213> Homo sapiens

<400> 25553

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tgtttcctgg	ggagtgaat	gcacccctct	cccattgctg	tatatgtatg	tgtgtgtgac	120
gc						122

<210> 25554

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25554

actgatgtct	gtgtagacag	ggagctgtga	cgagagcaag	aggtcagaac	acatccagac	60
tccttaagag	aaagcctttc	tgttttggaa	acttttcaaa	gccagggact	tgtccagccc	120
aacctcccca	cc					132

<210> 25555

<211> 213

<212> DNA

<213> Homo sapiens

<400> 25555

catacat	ttt	gttcag	ttt	atagtt	gatac	acagca	agaa	gcaaa	atcca	gtact	agtta	60
ctgca	atatg	accaga	aaaca	aaagt	gatcc	tcggat	atta	tattt	atata	cta	acacaaa	120
aagag	acaag	agctta	catt	ttaat	cctca	tggatt	ggga	gctgt	cttgc	ataa	atcagc	180
aaatc	ctttt	tctat	ggtat	attac	gacct	cac						213

<210> 25556

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25556

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<210> 25557

<211> 364

<212> DNA

<213> Homo sapiens

<400> 25557

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tgatt	tgtct	agta	accagt	cat	gctcaat	cat	agtgatc	a	atgtttcca	atc	tagttat	120
agttt	ccttt	tttag	aattt	tgcc	caagat	catt	accagg	ttc	accagaa	tgag	ctttgt	180
cttct	ttttg	aaa	atctgcc	attt	ctctcc	tgt	gattatt	tc	cttacatt	tact	gatcta	240
gta	atgtcat	ttta	aaattc	catt	tatact	tact	ccttgt	tg	ccctctgc	att	ctcccta	300
cac	ggacctg	cttt	gtgttc	ctt	gaacaca	cca	agttctt	ct	gtaccta	gag	ctttaat	360
actc												364

<210> 25558

<211> 184

<212> DNA

<213> Homo sapiens

<400> 25558

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tg	gactgag	gtt	ctgctt	tg	gacagtt	tct	gggtaaa	at	ggacttct	tt	ctgacttc	120
tt	acccttct	tg	atcacaag	ct	cccagg	a	agagactgt	ct	tatttctc	tct	gaccctt	180
gc	ct											184

<210> 25559

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25559

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a	t	t	caga	ata	c	t	t	a	c	a	a	a	a	a	a	a	a	a	a	a	120
c	t	a	g	g	g	a	t	g	a	t	g	a								132	

<210> 25560

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25560

taaaaaattt agttgttgac tgagcatggt ggctcacgcc tgtaatccca gcactttggg	60
aggcagaggc aagcagatcc caaggtcacg agtttgagac cagcccggcc aatgaaactc	120
cgtctctact aaaaatacaa aaattagcca gacaag	156

<210> 25561

<211> 179

<212> DNA

<213> Homo sapiens

<400> 25561

cacgacagct tccttcaagc tctttctgct caaacattca ttgcggggca agaaaagccg	60
tggtgaatct ctaccgggcc gaaccttggg ccttggtgtc agcgcacggc agggccacag	120
agactacagc cctgggggttc cagagccggc tctcccgctg tctccagaaa tcccaggcc	179

<210> 25562

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25562

caaaaaatta gctggatgtg gtggcgggcg cctgtagtct cagcctcccg agtggctggg	60
actacaggga cccgccacca tgcctagtag agakgcgggt tcgccatgtt ggccaggrrg	120
gtctcgatct cctgatctcg tgatccaccc gccgta	156

<210> 25563

<211> 394

<212> DNA

<213> Homo sapiens

<400> 25563

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acattcaaatt gcctaaccat agcgttcagt gttctcaaca ctgggcctta gtttaaattt	120
tggttccagc ttctggcccg tttgcctgtt ggtccctgtt gtatttttagc cgcattcttc	180
tgtgaagctc ccagtgtgct ttgcacagct ccttgtcttt gctcatgctg tgcccttacc	240
tggaatgcct ttttccatt ccttggtatt aataaaatct tccaaggccc tacttaaattg	300
tcctctctga atgaagcctt ccttgattct cccccaccc tccaaatgas ttgctgccgc	360
ttctgttcat agagcgcttc gtttatatcc ctgc	394

<210> 25564

<211> 236

<212> DNA

<213> Homo sapiens

<400> 25564

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cgcctaggct ggagtgcagt ggcgcgatct cggcgcaccg caacctctgc ctcccgggtt	120
caagcgaatt ctctgcctc agcctccgga gtagctggga ttacagatgt gctccaccat	180

gccccggctaa tttttgtatt tttagtagag atgggggggt ttcaccatgt tggccg 236

<210> 25565
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 25565
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 taatcccagc actttgggag gctgaggcgg gtggatcact tgaagtcagg agttcgagac 120
 cagcctggcc aacatggcga aaccctgtct ctactaaaaa tacaaaaatt agcccagcat 180
 ggttgtgcac gcctgtaatc ccaactactt gggaggcagg agaactactt gaacttggga 240
 ggtggagggt gcagtgaact gagatcgccg cactgcactc tagcctgggc aacagagtaa 300
 ga 302

<210> 25566
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 25566
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 ttcagcaaga tcatacgact catcggacac taatttatat aggagtgaag ttttataaat 120
 atttaatat tattttggat tcaaattgta tttacatatc aggaata 168

<210> 25567
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 25567
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 ccctgagttc tgtgagctgc tcaagcaa ataatggaacc caagaagggg gttgtgtgag 120
 ccccgattta tgggtggttg gtcagagcaa atgttaacct gagatttgtg attggcatgg 180
 gaagtggggg gcagtcctgt gagactgagc actcagctctg tgggatctga tgctctcttc 240
 cagtgtcaga attgaattgg agggcaccta gctggtgttc attgcagaat tgcttgcttg 300
 gtgtgtgtgg ggagctt 317

<210> 25568
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 25568
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 cctggctgta atctcaataa aaggacatct tttaaagtca agctttatga aaaaattact 120
 acctgtttt tggttttctc atgtttttta tttattttga ggagtggggg gttaactgtg 180
 ttgctcaggc tggagtgcag tggcatgac acagctcact gcagcttcaa cctcctggac 240
 tcaggtgatc ctcccaccac agcctcccaa gtagctggga ctacaggtgt gcaccaccat 300
 gcctggctaa ttttttttgt agagatgagg ttttgccttg ttgctcaggc tgggt 354

<210> 25569
 <211> 143
 <212> DNA

<213> Homo sapiens

<400> 25569

cttagattgt gagaatctct ctgtttacac agtagttttg attattttgtg ctgggcacac	60
tgtgctccag cccattttta acattttcag cttgtgtttt catacatcat gcatgarata	120
aacgtttgas tagcacctgc act	143

<210> 25570

<211> 195

<212> DNA

<213> Homo sapiens

<400> 25570

ttaataagta aaatattctg ttttatgtat cataattttt tttattgttg caaaatacac	60
ctaactgat atttaccatt ttaaccattt taaaaggtag attcacagtg ttgtgcagcc	120
attattacta attccagaac attttcacca ccccaaata aactctgtat ccatgaagca	180
gtcacttccc gttca	195

<210> 25571

<211> 192

<212> DNA

<213> Homo sapiens

<400> 25571

aaatagtctt tacaaataag gaaaacagct cagtttggga agtatcagag atgggattca	60
aaccagatc ctctgggtcca agttgtatgt gcactgaact aatcaggcag gaaaaagcc	120
cagccactgt ctcacagatt gttttttgta tattgtagca aaatcctgaa acaatggggt	180
ccttccagtc at	192

<210> 25572

<211> 148

<212> DNA

<213> Homo sapiens

<400> 25572

ttttttcata atttatattt ttagagttgc atgttgtaat tgtatgaacc atgtctttaa	60
caggataata agaactccaa ttacagaaat ccttaaattc caaagtcagt tatattaaat	120
ataaaaaatct taatttaaac cagtctta	148

<210> 25573

<211> 281

<212> DNA

<213> Homo sapiens

<400> 25573

agctaccatt tattaagcac atactacatg ttaggcgttt tataatttaaat gcttccaaca	60
cctagtgttg tcagcattgt cagagtcact gttttatgga cagaggaagt gaggcacaga	120
gaggggaagt aactctcgca aggttgaca gctccccaca agcccggtgtg cataaccacc	180
acgtcacttg atgctaagtc ccgttgatgg gactgaagac cagccagaca ggggagggcg	240
cctcttccag gtgctgggcc tgccccgtcc ccgcagccac a	281

<210> 25574

<211> 428

<212> DNA

<213> Homo sapiens

<400> 25574

aaccacaacc	acagtctgat	tttagaacat	ttccatcaac	ttcaaagatc	cctgggtgcc	60
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atttcatata	aatgggatca	tatgacatgt	ggtttctctat	atctgacttt	tttcatttag	180
cataacgttt	ttgaggctca	tccatgttgt	agtactccat	gccatgttgt	gggctacata	240
atattccatt	gtatggatat	accacatfff	gcttatcagt	taatggacat	ttaggttttg	300
tctacttttt	ggcattaata	gtgctgctgt	gaacaatcat	gtacaagtct	ttgtatcaga	360
gccacttttg	ataaaatagt	ttctaaaaca	tttcatcttg	atfffftatwa	ggtgatatgt	420
atgttact						428

<210> 25575

<211> 200

<212> DNA

<213> Homo sapiens

<400> 25575

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taaaatgtgg	ccccactgca	acgaaaaaag	aaaaaatgcc	ctccaaaaag	ttactcaaaf	120
actctcatta	agttgaaaaa	taagaatgga	gaattagcca	ttggattggg	caatgtgaag	180
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<210> 25576

<211> 462

<212> DNA

<213> Homo sapiens

<400> 25576

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attgtcttaa	gcacaaatga	aacctcatgg	aatgtttaat	tactgctcct	acaattaacc	180
ttcctcatat	attcaacaag	caaggaatta	ttgagaacta	atacctctga	gacactactc	240
cttagtaggt	ttcaaaccag	gaaggaggca	agttgaatag	agtctaagtt	ttataatcca	300
gatcaacaca	gagaagggtg	ctgctctggf	attgagggtg	ggagtggfca	gagaaggcct	360
cctggaaaag	ttaggcctgc	tgaatcttca	agaacaagca	gcagcccaag	aggggagggtg	420
agtgaatga	gccaccttcc	tataggtctc	tctccttcc	at		462

<210> 25577

<211> 108

<212> DNA

<213> Homo sapiens

<400> 25577

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ctgagaaaag	attaacttgg	gtttttttag	ttagctgttt	tttttttt		108

<210> 25578

<211> 130

<212> DNA

<213> Homo sapiens

<400> 25578

taagccggcg	tcaggfcatc	gaggcctccg	ggctgattag	gactaatggc	gctcaggggt	60
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gcagcctcag cctccacccg ccacccgtac ccgccctgcc tcaggacttc gttcctgctg 120
taccctaca 130

<210> 25579
<211> 276
<212> DNA
<213> Homo sapiens

<400> 25579
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tttctgtgtg cttagtatta ccagtgaagt ttggaccttc agatgatttc ttcttgetca 120
ttaacatcct ttattgagac tgaagaactt ccttttgcac ttcttgtagg acatatcttg 180
tgtaaatgaa atccctcagc ttttgtttgt ctggaaagggt ttttatttct ccttcattgct 240
taaagaatwk tttcactgga tctactattc tgggggt 276

<210> 25580
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25580
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gagttctggt ggatgaattt ggattgccac agatccctgc ttcataagatt tgcattcattc 120
aagcatatct tgtaaaacaa acaccc 146

<210> 25581
<211> 179
<212> DNA
<213> Homo sapiens

<400> 25581
taacaaagga atcacaagag acacttgacg gtgtgtgaag acgaagttca tcacatggga 60
gggcaccgag tgtctttatt tgccttcctt gcccggtcc ccacctccag tgatgccgtt 120
cactgccttc cttgttaaaa ggccttctgt tatataacag ttacacatgc caggcattc 179

<210> 25582
<211> 437
<212> DNA
<213> Homo sapiens

<400> 25582
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aagtaataat tgagagataa atacatagaa gaatacatga agttatttat ttgtttacag 120
ctgcaccttt tctgtatttc cccttacckr tacttgcttc ctttacttat gtggcttaga 180
tggcctgttc tttaaagtgc atagctttct tgccaacagt ttttcttcct ttctccatt 240
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atggtttcca attatagttg ggagcctctc aggtgccctg taccttccat gtttctotta 360
cgtagctttt tatttatgtt atttaaaatc tttttcactt tcattaagct gccatatcct 420
cattcagcag attagca 437

<210> 25583
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25583
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 tccatttcag gctggctcac agttggacca acgcttaca atagcaacta caatgcagaa 120
 acatatgcat cctatttcag tgctccta atctacttga ctgggtgtac agaagaaatt 180
 gagagacttc gaccaaaatc gcctcctg 208

<210> 25584
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 25584
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 aaaatcataa gcacataaat agaacttacc agggagaaag aaaaacctga aggcacaatt 120
 tcttttctgt tcaaaatgtg aaccaggat gtctctagat gatgatggat gataggtagg 180
 gaga 184

<210> 25585
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 25585
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 attataagca gatggaatgc agtgtaaaac tgtaacaat gctaataaaa ttatgagtca 180
 tcagattggc acagttttcc ctgccaagat ggtcatattg ataattgtaag acaaatttta 240
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 aaatactatt catagaggag tcct 324

<210> 25586
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 25586
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 cagatggaca gattgcaaaa attttctccc attctgtagg ttgcccgttc actctgatga 120
 tagtttcatt tgctgtgcag aagctcttta gtttaattgg atcccatttg tcagttttga 180
 cttttgttcc cattactttt ggtgttttag tcatgaagtc tttgcccata cct 233

<210> 25587
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 25587
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 cgaaacaagc ctgagcaata gaagtagatg tggaaataac ttcggtttct caaggcaaat 180
 actttgatag gaacaaacaa ccgttttagat atagaagatg tgatacatc ctttaaaaag 240
 aatttgacct tatgtcattg taggcacacc tcatatttca attattcata tagtttttct 300
 tgagcaattg ctgggttaag aataatgtca tgtcttttgc gtgcttatat catttgata 360

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<210> 25588
<211> 390
<212> DNA
<213> Homo sapiens

<400> 25588
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ctggctcctgc ccactactgt ccgccactag agttcttttc gctcccaacc ttttcttccc 180
ttcgtgcccc gtgacctcag cctactttca ctgctttatc ccttaaaaaat tagtcacttt 240
tcctcagaaa aaatggactt aacagtttac aaaaggccgg gcgcggtggc tcacgcctgt 300
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agcctggcca acatggcaaa accccgtctt 390

<210> 25589
<211> 256
<212> DNA
<213> Homo sapiens

<400> 25589
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ctctggacct catctgacca tctgtcacat ggggttcaga cctccctgtc tgcacagtg 180
agaaccaggc aggaactgct gccacaacct caggtggggc accaaacacc cgtgcccgcm 240
aatgcggccc aacccc 256

<210> 25590
<211> 263
<212> DNA
<213> Homo sapiens

<400> 25590
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gggccagggg aacacatacc tagtcctttc aaggggaata cctggaagct tggagagttt 120
atataacttc ctgaaggtea cacagctgtt tagtggcagg gctgattgga tctgaggttt 180
gtgtgattca gaagccacta gatctctttt atggggaaag aaagataatg catagctgtt 240
gcattccaag ttgacactga agc 263

<210> 25591
<211> 120
<212> DNA
<213> Homo sapiens

<400> 25591
ctaaagatcg ccaagtcaga cctcccacg ctgctcacgc cctccaagtg gtctgtagag 60
ttccgtgact kcoctgaagat agccctggat aagaaccag aaaccgacc cagtgccact 120

<210> 25592
<211> 321
<212> DNA
<213> Homo sapiens

<400> 25592

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tgagagatta	ttagcaaaaa	ggtagggctc	cagaaagatt	amagTTTTca	aaaatgtgct	120
ttgtactttt	caaccaccac	tgtagcattt	agacactatc	attcttaact	ggagcagcca	180
gagggTTaat	ggTTTgtaca	tcttwcttct	ctctcactct	gtaatactar	tttagayttg	240
amagcaaaga	tgccagagta	gagtgcagca	cacatagtta	ctttaaata	gtttactaaa	300
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<210> 25593

<211> 221

<212> DNA

<213> Homo sapiens

<400> 25593

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ggcattacag	gtgtgagcca	ccatgcctgg	ccaaaagtgt	gtcattgtaa	atgacagtat	120
tcaaaactta	ccatccaatt	cagcaaagaa	gtggctcaca	tcattgataa	acacatgaaa	180
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<210> 25594

<211> 309

<212> DNA

<213> Homo sapiens

<400> 25594

ggTTggtaga	cmcttttaaaa	cccagctcaa	atttcacctc	ccagaagact	gaccgtcttc	60
TTTTttcatt	tcttctcagt	accttgata	tacttactgg	ttgggacatc	ctactcatca	120
gtgtaaccCG	gtaccaaggc	acttcggaaa	tgatggctct	tcattgcctg	cagaattaac	180
catggacatt	ttagTTtggt	ttgaaaaaca	tatagccttc	tgccctccagc	cttcccatca	240
ggctagtaaa	armcttgCag	aactcagttg	aataaaataa	TTTTTTTTTT	tgagacagca	300
ttbcactct						309

<210> 25595

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25595

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aatgctgcat	gaacattttt	gtacaagttt	ttgtgtgaac	atatgttttc	atttcttttg	120
ggaatgggat	tcctgggtca	aatcgtagct	ctatgtttta	cattttgagg	aactgccata	180
ctattctgaa	g					191

<210> 25596

<211> 135

<212> DNA

<213> Homo sapiens

<400> 25596

ctacagttcc	asaccgtcgc	cgctgatgcc	aaacctggag	aacttkccct	acagccagca	60
gccgctcagc	accggggcct	tccccgcagg	atcactgacc	acagccactt	catgccctg	120
ctcaatccct	cccca					135

<210> 25597

<211> 444
 <212> DNA
 <213> Homo sapiens

<400> 25597
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 tgctcacgtg tttgctgtca agccattttt acatctaaac taagatgtgc agcatttcac 120
 ttatttagat tcaacttaaca aacaaatttt tctgctttta aaatgtctta ttgtcccaag 180
 tgtactatag cggcatatag agctagctaa tctctacaaa csvtctgtag gccagtagtt 240
 ctcaaagtgt ggtctctgga agagcagtat cagcatcatc tgggaacdtg tcacagatgc 300
 agattctagg gaccactcca gacctacaca atcagaaact cttgggggag ggcccgaat 360
 atctatgttt taccaagcbc ascacatgat tctgatgtac tctaaatact gagaaaavnt 420
 gttctagaca aatacccaag caaa 444

<210> 25598
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 25598
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 aagtctatgt aagttactgc taaacc 146

<210> 25599
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 25599
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 cttactaaac aagtsacaag cccagctcag attcaagaaa aggggtgtgaa gtagaggtgc 120
 agtwaagtgg ggggccacta gtctaacaga cggtcacaac cagtgccatg gaaaaccaag 180
 gatattagca aaagcagaag ttgctagtga ccttgggaag ccgaagctgc ttacagtagc 240
 tgggacaagc tgaaagtcag actagraaat aaagagaggg ccttcaagaa gcttcctgaa 300
 tgattkctgc tagcncaa 319

<210> 25600
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 25600
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 gcagcagagg aggagagagg msaagggtaa agaagagaag aggagcgaas ghagaggagg 180
 cadgcggywc cggcg 195

<210> 25601
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 25601

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tgtctaagtg	ttctcatcgt	tcaattccca	cctatgagta	agaatatgca	gtgtttgggt	120
ttttgtcctt	gcaatagctt	gctgagaatg	atgggttcca	gcttcatcca	tgkscctasr	180
aaggacatga	actcatcctt	ttttatggct	gcatagttat	ccattgtgta	tatgtgcat	240
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<210> 25602

<211> 436

<212> DNA

<213> Homo sapiens

<400> 25602

ctttttattg	tgaataaaaat	ataaaaagtta	aaggccctct	gctaagtcac	ataaagtaca	60
gcatataagt	tcatataggt	acaaataaat	gagtttgag	tggattgggc	cttcaaatta	120
cctcaagtga	cagatagtaa	gaaaagcttc	ttgagcaggt	ggaggtcact	gaatccccta	180
ctatgcactt	atcaagattt	tacttacttt	aattttactg	aaattgattt	tttaaaaaat	240
gactacactg	taacaaggga	agggatctgg	gtttttttgt	tgtwttattc	ttgttttttt	300
aaagtagttc	aaattctgaa	actgtgattt	aaaaattttt	tacagtcaag	cattctgatt	360
ttgaacataa	ctcccttccc	tttctgtgta	acaaagggtc	ctctgtttat	tcttaaattt	420
tgttacatct	ccccct					436

<210> 25603

<211> 382

<212> DNA

<213> Homo sapiens

<400> 25603

actcttccac	cakagtagga	cacagtgaga	aggcaccagc	cctggctaata	gtttgcattt	60
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gttctgcccc	ccttggtccc	ccaaagtgtc	gggaatgcag	gtgtgatcca	cctccccagc	180
ccagactact	gtctttatgg	tagatttatg	ttggtgacat	ttgccatcat	gggtagataa	240
cacatatgta	tattgccttt	tctactttat	atcaatacaa	ataaaaattgt	ttttagctgt	300
gtggagcttg	tttgctgct	aagctgytat	tgacagtdcc	tgttatgata	tagtttortat	360
cctacaccaa	catatggcgc	ga				382

<210> 25604

<211> 335

<212> DNA

<213> Homo sapiens

<400> 25604

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cgtctctaca	aaatacacag	aaattagttg	ggcagggtgg	catgcctatg	gtcccaacta	120
ctcgggaggc	tgaggtggga	ggatctcttg	agactgggag	gtagaggttg	cagtgaattg	180
ggattgtgcc	actgcactcc	agcctgggtg	acaagcaaga	ccctgtctgt	caatcaatca	240
ataaatgttg	accctttgcc	atattacttt	aatgttcttc	cccccaattat	gaagttttta	300
aagtttaggt	agtaaaattt	ttcttttatg	atggc			335

<210> 25605

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25605

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aattactttt ggaaatttcc tgaataaatg gagtcaggaa tcccagcagt tcttactgtt	120
aaaggacgtg cttgcacacg taaagaaggg cctgtt	156

<210> 25606
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 25606	
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gaggctcagg tttttgcaaa tacagtaaca ttgctagggg tcacataact cataagtrwt	120
gctgcaactg aaatttgaac tcatttgaat ttcagcattt ggcttaatag aywctgattt	180
ctgtctaata tgcwkattgt gtgggggttc ccaagaccca cccgtagtgc agtgattggc	240
tagaaggact cacatgatcc agcatcagtt gtactaacag ctaggattta ttacagcaca	300
ggaaaaaggt gcacggga	318

<210> 25607
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 25607	
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agtwaggtat agacaagcca gtnagttaag acaactgagt atgttccact ttgttgagct	120
gtgctaccct agttaatgtg acatttagtgc tggcccaaga aatacagaaa agwkcgg	177

<210> 25608
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 25608	
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ctcatcatgt tgccakgctg gactccaact cctgggctca agcgatyttc srcctcrrtc	180
tctgagtrdc tgggactaca gatgtgcgcc accatacctg gctattgatc aatttttagt	240
ttaccaaaaca ggcattatgt tctgggtccc attctgtgtc gggttctctt ttcactcggc	300
accatggctt taggatccat syatgctgct ctgtgaacgc cgagtgtgct taactgcttg	360
gtgtccatg aggcattcbm ttttgtgtct ctgtcctccc agtgaggagc cccatcgtac	420
cctactcccc tccc	434

<210> 25609
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 25609	
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ggctcagtg ttcacatatt aagcatatta acatagtgtt taataaatac atttattaaa	120
taaatgaaca gacttattga gcatctcccc tgggtagaaaa ctagcataca aaaatatgaa	180
ttatactatt ctagtgcc	199

<210> 25610

<211> 151
 <212> DNA
 <213> Homo sapiens

<400> 25610
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 aggcaggtgg atcacgagat caggagtgcg agaccagcct gaccaacatg gtgaaactcc 120
 atttctacta aaaaacaaaa attaccggg c 151

<210> 25611
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 25611
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 aagggaaaaa agtatcttta acagctcttt rttgaagcct gtrgtagcac attatgttta 120
 taatttcaca tgtgcacata atctattatg atccaatgca aatacagccc car 173

<210> 25612
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 25612
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 gctgagccct aaatgcatc atgagtgtkt taatgagaaa gaggcaggag cagatttgac 120
 atacrsacag gagagaggag ggcaatatga ccaactgaggc agagattgga gtggtgcaga 180
 cacaggctaa ggagtgtggt tggcccccg aaactgcaag aggaaggaa cggattctcc 240
 cctaagcctc cggagggcgc cccactgcca acaccttgat ttgaccag taacacagat 300
 ttgggacttc tgctctctag aactgtgaga gaataaatca ctggtgtttg tggtaatgtg 360
 tttcagcagt cgggc 375

<210> 25613
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 25613
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 tatgtgactc aaattctccc tctttgattt atacctccga tagctgcca acg 113

<210> 25614
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 25614
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 gctgatctgg ctggctaggc grgtgtcccc ttcctccctc accgctcc 108

<210> 25615
 <211> 198
 <212> DNA

<213> Homo sapiens

<400> 25615

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ggaagaggtg	gccaaccgcc	ccaggcagca	cagtgtgtgc	tctggacgga	gggacgggaa	120
gtggccagaa	ggggaagtgt	gaggagtcc	cgtccagcct	gtcatcagtc	tccccaggtc	180
ttgaagcggc	ggcgccac					198

<210> 25616

<211> 426

<212> DNA

<213> Homo sapiens

<400> 25616

ttaccaaacc	gtctaccttb	mtaacttgct	atattaatgc	tgatgcttga	aagtaagatc	60
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gtattaagtc	tattaattaa	aaacaaattc	taagattcaa	ggagcttttc	agtgttccac	180
atgtctccct	ttagaaaaag	taaatgtgtg	cagaattaac	aaagtgttta	aaaatagata	240
tttattattt	tactattttg	atgaatgtgt	agggcagtcg	ttccttggca	ctggggatan	300
ntcattgagc	aaaactaaaa	atatcttccc	tcatggagtt	tatgttatag	taagacatac	360
atgtacctct	ataataacta	ttacgttaga	aggtataaag	tattgtgraa	aatatataga	420
gcataa						426

<210> 25617

<211> 352

<212> DNA

<213> Homo sapiens

<400> 25617

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ctccaacttc	agcatgcate	caagaatcac	ctggaggcct	tgttaaaaca	gcgctggccc	120
catcccagag	tttccgattg	agtgggcctg	tggcagggtc	ttagattttt	gcattcatac	180
cttcccaggt	gatgatgttg	ccggttcggg	gtctacactt	tgagaaccac	tgcgctaaag	240
gaaagaaaca	caagtagcct	ggggatgggt	tagaaaacag	aattttaaga	ttaataccct	300
ggtgcttgtk	aaaattttga	tgacaatacc	aaatttcatt	tgttatggtg	tg	352

<210> 25618

<211> 365

<212> DNA

<213> Homo sapiens

<400> 25618

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atagcttcat	tgttccagat	gtaacagggt	tgaaagagct	catcgccaag	ttcttgatcc	180
acttgcatcc	caggggaggt	ttcttttgag	tagtatgttt	cttggttgca	tgttcctgtt	240
ctttgtggaa	actatgcatg	gtagcatttt	tgcttgctgt	gttttccata	cttaagaaaa	300
agaggtttca	gttggtgat	agaatatctt	ttatgtagga	caaaactttt	ctgtgaagag	360
tgtaa						365

<210> 25619

<211> 280

<212> DNA

<213> Homo sapiens

<400> 25619
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 aggtctcgca ctcagtcaga gagccctgca ctggaacatg atgctggaaa atgaccgtag 180
 catggcttct ttggcaggta ggaacatgat ggasagttca gagctgactc cgaagcagga 240
 aatttttaaa ggatcagagt catctaatag cacatctggg 280

<210> 25620
 <211> 80
 <212> DNA
 <213> Homo sapiens

<400> 25620
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 tttctcccag tccagcctat 80

<210> 25621
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25621
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 ctgtgtcccc acccaaattc gatctcgrat tgcaatcccc atgttttgag ggagggctct 120
 ggtgggaggt gattgaatca tgggagcta 149

<210> 25622
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25622
 ggtcatgtat tacagatgtt tctaaataaa taatgctttg taatatgaaa ctataatttg 60
 aagtcttttt ttgagacag agtttcgccc tgttgccag gctggagtgg aatggcgcca 120
 tctctgctca ccacaacctc cgcctcccgg gt 152

<210> 25623
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 25623
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 gagaa 65

<210> 25624
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 25624
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 caggaggatt gcttgagccc gggagcttga gacaagcctg ggcaacatag ggagaccctc 120

gtctctacaa	aaaatataga	aaaaatcggc	tggctgcggt	ggtgcgtgcc	tgtagtccta	180
gctacccagg	agactgaggc	agaaggatcg	cttgagcttc	ggagttaaac	actgcagtga	240
gctgatggca	ccactgcact	acagcatggg	ggcaaagcga	gaccctgag		289

<210> 25625
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 25625						
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ccgtgcctgg	ccaaggctct	ttgtttttga	tcagagggtg	ttaatttggg	ttccctgggc	180
tccaacattt	ccctcacttc	cccctagt				208

<210> 25626
 <211> 100
 <212> DNA
 <213> Homo sapiens

<400> 25626						
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<210> 25627
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 25627						
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tacacggaca	caaccctctg	acagtctttc	caaataattaa	aatcatttga	atatgtatgc	120
tgtgatctga	acactgctca	agccatcaag	cagtcttcat	acagtttgca	ttataaaaatc	180
tcattaaatt	ctccaagaaa	aaataagttg	aagaatttta	tttcctgacc	atgcatcccc	240
tggattttctg	agtttccagt	cagattgtag	atgacaatat	aagctgcctt	ccgaaattgt	300
caacatctga	atgttaagtc	cattcc				326

<210> 25628
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25628						
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gcacaatacc	ttccctcaga	agctcagagc	cagggggaga	cagaaatatg	cacaaatact	120
atagcatagt	tgaataanya	aatgtattat	aaagagca			158

<210> 25629
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 25629						
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tttaaattggg	atgcttctaa	gttttaaact	tctacaataa	tatatatctt	agatttctag	120
tagaatat	atattat	ttattgagac	ggaatctcat	cccatcacc	aggctgggt	180
gcagtggcg	aatctcagct	cactgcagcc	tctgcctccc	gggttcaagt	gattctcctg	240
cctcagcctc	ccgagtagct	gggattacag	gcacatgcc	ccacaccgt		289

<210> 25630

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25630

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aaagccattt	atagggtagg	gtaatcacta	gagttgaggg	ttcctcccc	caccccccat	120
aagattggta	tccataaagc	agagatttct	aagcagttag	agaccg		167

<210> 25631

<211> 324

<212> DNA

<213> Homo sapiens

<400> 25631

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agacgtctgt	caaatgtatc	tttaccagga	ccgggcctct	cagttccaag	acccctacag	120
cctgaatatg	tagcvcttcc	cwgtgaagag	gtacgtattc	taaggtaata	gacatttttag	180
tagtagttat	tctctgtgtt	tctacagggg	gwtgacatc	actctagaac	atrrtttata	240
tgctaaagaa	tggwaatgtt	cctacactta	agaaacataa	aatgwagwaa	tggagacagg	300
actdaccggw	agwaatgaat	tgcc				324

<210> 25632

<211> 232

<212> DNA

<213> Homo sapiens

<400> 25632

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agataaaatt	acctggttca	aaagtgggtt	ttgtttatta	aatttggtta	taaataatata	120
tratacacag	acaggatagt	ttttatgctg	aagtttttgg	ccagcttttag	tttgaggact	180
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<210> 25633

<211> 286

<212> DNA

<213> Homo sapiens

<400> 25633

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ctcctccttt	ctctggcttc	ttcccccttc	cctcttctct	tcagctaggc	tagctgggtt	180
ggagtagaat	ggcaactaat	tctaattttt	atttattaaa	tatttggggg	tttggtttta	240
aagccagaat	tacggctagc	acctagcatt	tcagcagag	gaccgt		286

<210> 25634

<211> 193

<212> DNA

004220" 0606T560

<213> Homo sapiens

<400> 25634

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tagttcttag	ctgaagaatt	atgcttccat	tgatagatcc	tttagaaaca	aacacataat	120
gaatggctaa	agccttataa	aattagctgc	agatggcaca	tatcttgagc	ctaacttaac	180
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<210> 25635

<211> 501

<212> DNA

<213> Homo sapiens

<400> 25635

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agaagggcaa	cttcgtggag	ctgggcgcgc	agttcctcct	ggagtccaat	gctcacttca	180
gcaacctgcc	ggtgaacacc	tccatcagca	gcgtgcagct	gccaccaac	gtgtacaaca	240
aagaccocaga	tattttaaat	ggagtctaca	tgtctgaagc	cttgaatgct	gtcttcgtgg	300
agaacttcca	gagagaccca	acgttgabnc	nggcaatatt	ttggcagtg	aactggattc	360
ttcagatckn	kcccaggtat	aaaatggaca	cctgatgaga	atggagtcac	tacttttgac	420
tgccgaaacc	gcggctggta	cattcaagct	gctacttctc	ccargacata	gtgattttgg	480
tggacgtgag	cggcagtatg	a				501

<210> 25636

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25636

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atccacctgc	ctcggcctct	caaagtgttg	gaattacagg	cgtgagccac	cgtgcctggc	120
aattggcaaat	tttctaaaca	tttttacgcc	atcacaaacc	tgaacc		167

<210> 25637

<211> 141

<212> DNA

<213> Homo sapiens

<400> 25637

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tacaatgacc	ctaatatctc	gtttcaaattg	cagatttttc	aggtctcttg	acttcttgct	120
cctcctatta	gtttcctgcc	a				141

<210> 25638

<211> 449

<212> DNA

<213> Homo sapiens

<400> 25638

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agcctgatgc	cagtcgacat	ttatgttacc	tcactaatat	cccttgctctg	atttcattgtc	120
tcacaatcag	tggtctgaaa	ctttgcttcc	taagtaaact	accaacagaa	accctgtgca	180
cattgggtcag	ttggtagcaa	attatattta	tcactatata	ttggcattca	tccacattaa	240

ctgtgttgta gtgattaaca tctcaccatt acttaactct gagaaaatag tgagattaaa 300
 taccagtcta taaggccaaa tgacacacct tggacaaagg taaaatcacc aatataagtg 360
 tkatatTTTtg aatcctgtga aaagctggca agtagccata catacaccaa gatgcttTtg 420
 taccaagggt atactagtct Tgtatttga 449

<210> 25639
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 25639
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 ttagctaagc ttgacagatt gaaagacaag Tgtcattttt ttttTtagag ggtgatatat 120
 accatgtc 128

<210> 25640
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 25640
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 tttttaaagc Tgttatctat gtattatttt ttatatTaaa atacctttta Tgaattggag 180
 aaactctgtg ttgtctctga gatgagagtg gca 213

<210> 25641
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 25641
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 a 61

<210> 25642
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 25642
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 tcttttgcta tatgaacttt tgacagtTtc gcttcaactca ctattttgta agatgaagat 120
 attagagtdt cctccactt ttctctcca catttaccct tcaacttgTc aataatgttt 180
 taggttacct ttgcatctc gagggg 206

<210> 25643
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 25643
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cctaattttt gtaacttttt ataatgagac ttacacagtg atttaaatta tatacaggat 180
 gtcagccag cacaaagctg tggtagatt tgggcccaag tctccgactc cagattccaa 240
 accacattaa aaaaaaaaaa tcacctgcag actgcctata gcttwaacag tctctgyctc 300
 cctc 304

<210> 25644
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 25644
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 ttatatctgt gagattcatc cgtgttgcag tcttttgttt cactgagtag tccattgtat 120
 ggatatacca tggtttgtac atccgttctc ttactcatga acatttaggt tctttccagt 180
 ttttattttt 190

<210> 25645
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25645
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 gtactgaaag ttttagaaga aaggagagac ataatctgat ctgtgctatt cctgatggca 120
 acatggaagg 130

<210> 25646
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25646
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 tgaggagact tcaaactggt ctccatagtg gctgtactaa tttgcattcc caccacagt 120
 gtgcaagggg tcccctttct ccacatccct gccat 155

<210> 25647
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 <212> DNA
 <213> Homo sapiens

<400> 25647
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 tacttgaaa agattctttc taaaaatatg gaactgatgg aaaagaaact tatggattac 180
 attgatcagc gaatacatga actccaggag cacattgatg ataagattg 229

<210> 25648
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25648
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ttcaggacct cccagccat taacgttcaa ggaaaaacaa tgcctttggt ttgtatataa 120
atctaaaacc acatacagta agccaaacg 149

<210> 25649
<211> 382
<212> DNA
<213> Homo sapiens

<400> 25649
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ccagagcact tattgcttaa agaataacag agttctagag ctggggggtc ttggggccatg 120
ctccgtgtgt ggataaggaa agaaataactg tttctgggac tctcccacag tcacaaagct 180
gttttctactg tggcccctac atctcttaac ttttgctatt actcctatgc tgccttcgg 240
attactgctg tctatcttct tgctccactc actgaagatc ctattataat cccatgaaaa 300
tgtaaattac agtttacttg ggagagccag attttctctg tgctcttgag ttttttattc 360
attcaagaaa ccttgggchg cg 382

<210> 25650
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25650
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tgaaaacaca tgtgggactg gaaataactaa tttagctggt tatgggaaca tacagtctgc 120
cacacaatat aattcctatg tcttttgcaa tggctttata attttcaagt atgactgata 180
acttatattt ccctacattg tttttacaaa atagacactc 220

<210> 25651
<211> 233
<212> DNA
<213> Homo sapiens

<400> 25651
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catcaataat ttttttttaa gtattatgat aatggtgtcc attttttttg ctactctgaa 120
atgttggcag tgtgggaaca atggaaagag cctgggtggt tgggtcagat aaatgaagat 180
caaactccag ctccagcctc atttgcttga gactttgtgt gtatgggggg agg 233

<210> 25652
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25652
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tctttctgtg cctggcttat ttctcttaac ataatgtcct ctgcc 105

<210> 25653
<211> 246
<212> DNA
<213> Homo sapiens

<400> 25653

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caccgttccc	caaatgtact	atgtagtta	cttttaatat	tccttctttt	tattgccttg	120
gttctctcaa	aaatcagaat	taatggaatg	ttggctatta	caattacgtg	gacatgggta	180
tataatggcc	ttggcgatgc	ccttaataaa	tgaaatctaa	aatgttacat	tttttttgga	240
accbtc						246

<210> 25654
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 25654						
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tgtttttggt	tttttttt					78

<210> 25655
 <211> 208
 <212> DNA
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<400> 25655						
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ccatcttata	ggattgttgt	sacacttaag	tkattttaatg	tatgtraact	ttatagagta	120
atgcagagct	cctagtaatg	tcttgtgwt	gctattagaa	tgcatgcttc	aaagaactca	180
aatttcggtt	gttgaactaa	tgcccttc				208

<210> 25656
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25656						
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accgtccagt	cttgggggtg	cttcataaaa	tgagaacttt	gtgatctcct	cttcacgaa	120
tgagatattt	agttattttg	ttgaggagtg	ataccagccg			160

<210> 25657
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 25657						
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gacaggggct	ataaaccttg	ctcatgtcct	gaatcctcct	ttataaatat	gtgctgaaag	120
gatggatggg	tgatggatg	aacgaacagt	aatgaatttt	ttatttttct	gtccctcctt	180
gactctctga	ttctaaattg	ctctgccctg	gggtgtggata	ttgactttcc	tgcaagtact	240
aaattgtgcc	catctcttgg	atttaatttt	tgttcctctc	tcagactacg	cttcttgctt	300
ccccagacct	cttattatct	gccagtkccc	atgggtat			338

<210> 25658
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 25658
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tgtaccagat agtcattcag gagcggttg 90

<210> 25659
<211> 160
<212> DNA
<213> Homo sapiens

<400> 25659
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attttggcac tactgcagaa agcagttaac aatgtttaat cctcccttct gaaggctgga 120
agaaatgaag ataatgcccc caagtgttg acgaakycat 160

<210> 25660
<211> 135
<212> DNA
<213> Homo sapiens

<400> 25660
actgtatctt cttattacga gtttttccat tgtattaact gctttttacaa caacacaaat 60
aacaagttat ttacaaaacc atttagaaat ttctgtacta tgggtcccagt aatgtaaaat 120
atattaatgc ctatt 135

<210> 25661
<211> 374
<212> DNA
<213> Homo sapiens

<400> 25661
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ccacaatcaa gataaaagaa cgtttcaatc actttgaatt ataataaata gtaatatatt 120
gtcccaccaa tgggctgtat caaatttgtt tactaccagc ggtgtttgag agcaactgtt 180
gggtttttttg ttcttttgtt taagagatgg gggctcttgc ttatgtgtcc aggtctggagt 240
gcagtgggtgt gatcatggct cattgcagcc ttgacctcct gggctcaagc aatccccccg 300
ccttagcctc ctgagtagct cggactacag gtgcacccag ttgattttta atttgttgca 360
gagatggggt ctat 374

<210> 25662
<211> 183
<212> DNA
<213> Homo sapiens

<400> 25662
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ttctagtgga aattttaagc atattagagg atatgtttct gtgggagctg atcagaatgg 120
tactaggagt acaaaagaat atctaaaack raaacacagc tatatttcag atcactatgc 180
ttc 183

<210> 25663
<211> 286
<212> DNA
<213> Homo sapiens

<400> 25663

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cgggtccccc	gcaaactcct	tccacttcaa	ggtagagtga	ccacctattc	caccttcccc	120
acctggctta	gctgctgtaa	gggatggagg	gttggagtcg	ctgggtgggg	acttcttcgt	180
atttccaaac	cctggacagt	gctctaaact	ctgagctgag	gatatacttg	ttaagcaggg	240
arggtattat	tgatttaaaa	taaatttcat	taccttggaa	ctgggt		286

<210> 25664

<211> 299

<212> DNA

<213> Homo sapiens

<400> 25664

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aattcacata	aaaaagtagt	tttacagatg	aagcaactaaa	actagtgcac	ttcatcttaa	120
actgcaaatt	ataaaggga	taatagtaac	ttgacagtgg	agagacctgg	cagacaccac	180
cttcaccaac	tgatcaaagt	taacatcgcc	agaaagggga	cagatggcat	gtgcctctcg	240
ataagatgca	ctgaagacac	acactcactt	ctgsratatt	cctgccaaga	atgcctcgt	299

<210> 25665

<211> 344

<212> DNA

<213> Homo sapiens

<400> 25665

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aaaggtaacc	actattctta	catcactgta	gatttgtttt	gactatcttg	aacttcatat	120
gagtgaatt	tcacagaata	atcttctgga	gttagacttt	tttactctg	tggtatgaga	180
tttatccatg	ctgtttaatg	tgtatttttc	tttgttttgt	tttgttttta	attacagctt	240
agtattccat	agtataacta	tagtacaatt	tatttattca	ttcttctgtg	ggtggatact	300
tagactatct	ccagtttttg	cttattatga	atgaaactca	ggaa		344

<210> 25666

<211> 186

<212> DNA

<213> Homo sapiens

<400> 25666

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acattgggtg	ggaacagaga	agaacattgt	ttccgtggcc	caaccctagg	gacatggaac	120
tcattttatt	atacagtga	attttaarat	ttganaccaa	gatcagatct	caacaaacag	180
agctcc						186

<210> 25667

<211> 188

<212> DNA

<213> Homo sapiens

<400> 25667

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cctctgaagc	tagatgtcat	ggagtcaccc	tagatacctc	taccagctca	gtacccatgt	120
tcagctgtca	tcacactctg	tctcttgaat	ctgtccctat	ccctcctctc	tctgcaactgc	180
caccgcgc						188

<210> 25668

<211> 228

<212> DNA

<213> Homo sapiens

<400> 25668

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taaaattaag catttgaaag tgtacagttc agtggcttct agtacatcct caatattgtg	120
caaccatcat ctctattttag ttccagtatt ttcagcatcc caaaaggaaa cacagtactt	180
gttaagcagt cattccacgt tctttcttgc cctaatacct ggccacat	228

<210> 25669

<211> 234

<212> DNA

<213> Homo sapiens

<400> 25669

taacaagaac agctaactat cctaaatata tatvcaccca atacgggagc acccagattc	60
ataaagcaag tmcctagasa cctataaava vacttasact cccacacaat aataataatt	120
cctggacaca tacactctcc caagactaaa cctggaagaa gttgaatccc tgaatagacc	180
agtaacaagt tctgamattc aggcaataat taayagccta ctacccccca aats	234

<210> 25670

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25670

ccatgttttt ctgatttctt tgtttttctt caagccataa gccgttagta gtgttctttt	60
gaaaaagtca gtattggctg atcacagtgg ctacgcctg tagtcccagc actttgggag	120
gctgaggtgg ttggatcgtt tgcactcagg agttcgagtc cagtctgggc agcatggtga	180
aacccccatt g	191

<210> 25671

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25671

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agtagttcaa aacttaagat gcccttgatt ataagaaata ctattactta tgtgcttttt	120
ttacaagatt ttcaattgta aggataaagt accagtgatt ttaagggtgca tcccaatttc	180
atagatgctc aaatctaaaa atgtaggca	209

<210> 25672

<211> 64

<212> DNA

<213> Homo sapiens

<400> 25672

cttgggaaat gtggttgtgt gcgtatgtat tatttttttt taatggatgy ytatatagga	60
smmm	64

<210> 25673

<211> 131
<212> DNA
<213> Homo sapiens

<400> 25673
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tttaaaaatg agtgactaaa aaattgtcag gctggagcta catcactagt tgtaaaaata 120
cacaaacctg t 131

<210> 25674
<211> 116
<212> DNA
<213> Homo sapiens

<400> 25674
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ttattat ttt agataaattg tttttcccta tttttagaat attaataaag tcaggc 116

<210> 25675
<211> 215
<212> DNA
<213> Homo sapiens

<400> 25675
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acaacttttt ttctctctct catgaaaaag gaagcacagt ttttaaggac aatctccaaa 120
atacagaaaag gtgtataaaag aaaaatatga agatgactca taatctcttc aaccagagat 180
aaccactgtt aacattgtgg tgtatgtact gccgc 215

<210> 25676
<211> 123
<212> DNA
<213> Homo sapiens

<400> 25676
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aattgtgatt cattgccaaa ttaataggcc agacttttaa agaggcaggt aagtctagat 120
gca 123

<210> 25677
<211> 108
<212> DNA
<213> Homo sapiens

<400> 25677
cacaatgttg tgcaaccatc acctctgggt gcaaaatatt ttaattgctc caaaaggaga 60
tcctgtgccc attaaagtca ttctcagtt cactcctctc acagaccc 108

<210> 25678
<211> 363
<212> DNA
<213> Homo sapiens

<400> 25678

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caggagattg	agaccatcct	ggccaacatg	gtgaaactcc	atctctacca	aaaatacaaa	180
tattggctgg	gcatgggtggc	gcgtgcctgt	ggtccagact	actcgggagg	ctgaggcagg	240
aaaatcgctt	gaaccggga	ggcggagggt	gcagtgaacc	gagatcgtgc	cactnbactc	300
cagcctgggt	gacggagcga	gactccatct	caraaaaata	ataataataa	taattaagcg	360
tga						363

<210> 25679
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 25679	
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tgagagcaca	crcaggtggc
accataaatc	tctcctaagc
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tgtttactga	aaaaatcttt
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agacggagtc	tcactctgtc
gcccagcta	gagtgcagt
gcatgatctc	agctcactgc
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 <212> DNA
 <213> Homo sapiens

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 trvacaaaca catacrtgtg catgcvtgta cacacctaca cacagacaca taccatctt 180
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<210> 25685
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<400> 25685
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 ttattctagt catgtgaatg khtactgagc atcttctgtg tgctccagtg tgtaagggtt 180
 aaatgagatt acttacgtta ggtgcctggc acatgagagg tggtcccttg atgtttgttc 240
 caattttctc tattcaggta atttttcagg ctgaktatct ttttatttag aatctacatc 300
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 gaacccca tctgcacctc caacatctgc 390

<210> 25686
 <211> 452
 <212> DNA
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<400> 25686
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 tccagcacca ctatcaaggc tgttcagcct acacactgaa actctgtatc attccttctc 240
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 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 25687
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tctgtttgca	ccctggaagc	baaaggcagg	ttactcacc	acttagttcc	ctaccacaag	180
accttgaaag	aractggaac	cccaggtctc	cagcccagag	atTTtgTtg	aagtttccat	240
ttgcaggaaa	tgactgcagg	gcacatgtgg	gaagtggcag	gaatttgagg	actaacattt	300
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<210> 25688
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 <212> DNA
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cgcaggagag	acttaacagc	aaaaatgact	gtgtcctgag	ttcagcccc	actgctctgg	180
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acgagtgtct	taaaccagwc	atggctccag	ttcctctgac	aaggattcac	atgggggtgc	360
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gagagaggct	gcagtgcgct	atgatcgtag	caactgcactc	cagcctgggc	aacagagcga	240
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<210> 25690
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tccccggcag	aaccgcctt	gcggtagcca	tggcagcagg	ctccgaggcg	accactcctg	180
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agt						243

<210> 25691
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25691						
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<210> 25692

<211> 262

<212> DNA

<213> Homo sapiens

<400> 25692

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acctagaagt	gccatttgac	ccagccattg	cattgctggg	tatatgccca	aaggatcgta	180
gatcatgcta	ctataaagac	acatgtacat	gtatgtttat	tgcggcacta	ttcacagtgg	240
caaagacttg	gaaccagcac	cg				262

<210> 25693

<211> 133

<212> DNA

<213> Homo sapiens

<400> 25693

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<210> 25694

<211> 187

<212> DNA

<213> Homo sapiens

<400> 25694

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aatgaattat	atgtatatct	tgagtattgg	ggaaatacat	tatttcttca	agtagaaccg	180
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<210> 25695

<211> 318

<212> DNA

<213> Homo sapiens

<400> 25695

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aatcagaaga	gggcctgtaa	aagcttctat	caattttgac	tgtgtatgct	tctaccatgg	180
cggctcaata	aacagcagta	ttagtttaag	agtggatggg	acagtagtat	agacgggaag	240
cctctcctct	ccgtgtgaac	cgtgcacccc	tatgagaggg	tagagacaat	acaatatgcc	300
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<210> 25696

<211> 476

<212> DNA

<213> Homo sapiens

<400> 25696

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ccctccccca	ccacacaaga	kgccccagtg	tgtgatgttc	cccttctctgt	gtccargtgt	120

tctcatwr	tt caattcccat	ctgtgagtga	gaacatgcgg	tgtttgggtt	tttgccttg	180
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ctcatcct	ttt atggctg	catagtactc	catgggtgat	ctgtgccaca	ttttcttaat	300
ccagtcata	c attgatggac	atttgtgttg	gttccaagtc	ttcactatcg	tgaatattgc	360
cgcgataaa	c atacgtgtgc	atrtgtcttt	atagcagcat	gatttataat	cctttgggta	420
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<210> 25697
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 <212> DNA
 <213> Homo sapiens

<400> 25697	
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aggaagtgtg	ctattcactt ccttttcttg ttgccaggc tggagtacag tgggtgcgatc 180
ttggctcact	gcaacctcca cctcctgggt tcaagtgatt ctctgcctc agcttcctga 240
gtagctggga	ttacaggcat gcaccaccac acctggcagt g 281

<210> 25698
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 25698	
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tatcttggtg	ttagcatttg taataatgct aaaaaaggcc taataaaatg cccaagaaaa 120
tattcagtg	c atttatagag aaggatattt tgtagtagta tagtaatgtg ttatgtagta 180
cagttttaaa	gctataaatg gaattttgtg taaattcaca aaaatgtgat ataaacagga 240
tctaagactg	gattccctgt cactaaactg caccaccac 278

<210> 25699
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 25699	
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ttaaaaaaaa	aat 73

<210> 25700
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 <212> DNA
 <213> Homo sapiens

<400> 25700	
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cggaaacggg	tggccagat gccgatatca ttttccgttt cgatcacagt cgcataacgg 180
aatactgtct	cggattcacg ccaggccaac gctaccaccc gcacg 225

<210> 25701
 <211> 462
 <212> DNA

<213> Homo sapiens

<400> 25701

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rctgrattas	amtgccaggt	ttcctgggtc	tccagcttgc	agatggcaga	tcatgggact	180
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aatcagaatc	tgcgagaggt	atcctggggc	tttcagctgc	ttccacatc	acctgcctca	360
tcaagcccca	gcatccatct	ccttgctcat	cttacacct	gtgtgcatga	caggcccacc	420
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<210> 25702

<211> 266

<212> DNA

<213> Homo sapiens

<400> 25702

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agagcccaag	gcccgccct	tgagagtagg	tgacacggag	aagccagagc	ctgagcgggt	120
cccctcctaa	ccgcaagcgt	cctgctaacg	agaaggcaac	tgatgactat	cattatgaga	180
agttcaagaa	aatgaatagg	cggtactgag	ttgtgcagag	tgggatgtaa	atatcgctt	240
cctctcccta	tatccctccc	atgaaa				266

<210> 25703

<211> 362

<212> DNA

<213> Homo sapiens

<400> 25703

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ctgtgggagc	ccagtgtggt	cgggcagaag	tctatgcaca	cctttgataa	atctggtgat	120
agaggtgtcc	tgggtagtgg	ggaactgtat	taaagaacat	gttgggccag	gcgcggtggc	180
tcacacctgt	aatccaggca	ctttgggagt	ctgaggcgag	aggatcgctt	gagcccagga	240
ggtcaaggct	gcagtgaact	atgatcgcg	cactgcactc	cagcctgggc	gacagagcga	300
gacctgtct	caaataaata	aataaataaa	gaacacattg	gtgtttgaga	agtaggcagc	360
tc						362

<210> 25704

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25704

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catatatcat	atatatggat	gtatacattg	tgaaacccaa	aaatctgaga	caggtctcat	120
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<210> 25705

<211> 441

<212> DNA

<213> Homo sapiens

<400> 25705

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gtgaaagcaa	agcagatgag	ctcttgctgt	tctgcagact	ccggcatggg	cctgcctagt	120
gtgtctgtcc	tctgcatttc	tattgatagc	accagatccc	ctgcggcccg	tggactcctc	180
cccactgacc	ccaacctcat	tgcattgctt	gaggacagga	caagggccag	gagacaggat	240
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gaagagactt	ttgtcaccag	gaaaagtatt	tgtttttaaa	cttaggaaat	gaagtacaat	360
gagtgggagg	tgccctgagg	tgggaargcc	ctgtgggtcac	tgtgcgggtct	ctctcattgg	420
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<210> 25706
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25706						
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gcagaaat	gctttcttca	gattataaga	gagtgttaaa	atcattcaat	ctgttagcaa	120
ctacctgtaa	aagccataaa	aatttgatag	tacccaactt	tgtaatgagt	ggacattatt	180
aggtgtaatt	tattttcttc	catagtaatt	gcttttaaca	aggaagaagt	gacagatata	240
atctaaattg	agtttaataa	gcatttttac	tttggcattt	tccataacag	cccagac	297

<210> 25707
 <211> 365
 <212> DNA
 <213> Homo sapiens

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gaatgdkctg	taartcacct	cgcttcctca	cgggtgacct	tgaactaatt	tttcatccct	180
ggacttaact	ttccttccca	actcttcttc	tgtggtaact	attccatctt	acagccagaa	240
acactgtagt	gctgtgaaac	ttgcttcctt	catcttaact	gaggttagcc	ctaagtcaag	300
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ggctt						365

<210> 25708
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 25708						
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<210> 25709
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 25709						
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g						121

004220" 66E7560

<210> 25710
<211> 243
<212> DNA
<213> Homo sapiens

<400> 25710
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gcacagaatc tagcactttg tatatgctga aaaaagttag tttcttatct ctactccctt 120
cctttctgga tcatgcagag caattccatt ttcttcttta acagatgaat gaatgtctgg 180
cacctacctc tgctcaggga tgttactcat atagtgaggc tgcaactctt atgaactcga 240
cgc 243

<210> 25711
<211> 199
<212> DNA
<213> Homo sapiens

<400> 25711
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gctccagtga ggagggcccc ccaggcaggg ggtattatag ccagcatgat ggggagtgct 180
gcaagcgagg gggccgaga 199

<210> 25712
<211> 165
<212> DNA
<213> Homo sapiens

<400> 25712
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tggtggctca cgctgtggt cccaaagtgc caggattaca ggtgtgacct accatgcttg 120
gcacgctaatt tttttatttt tacttttttg tagagatggg gcgaa 165

<210> 25713
<211> 475
<212> DNA
<213> Homo sapiens

<400> 25713
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gggcagaaaa tgagatttaa actaatccaa atcaaattct tgctcactat cctgaagatc 180
aaacacttga gccctccac agatctggaa agaaaaggcc tcccaccaag gaagcatgac 240
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agccaggttt agcctgggct ataggaggaa gcctggcctc ttatgtgtta ctaatccgtg 420
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<210> 25714
<211> 444
<212> DNA
<213> Homo sapiens

<400> 25714

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cctggactag	tcatgctgtg	ggagtctccc	cactacttac	ccgtgtgctc	agcctgcccc	180
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tagatctagg	gatagttatt	ttttgtcatt	ttcgaggccc	ttccttcagg	ctgcatgcag	300
aacagatgca	ggtagccatg	aagccaaatc	tggangrgag	atgatgcttc	ctctgaagat	360
cagtaagtaa	ccaagagtga	ttaactgaac	aggtgctagt	tcttaataca	catggaagaa	420
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<210> 25715
 <211> 122
 <212> DNA
 <213> Homo sapiens

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gn	
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	120
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<210> 25716
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 <212> DNA
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<400> 25716	
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ctgacatggc	ctgggggtga
gtggtgtatt	tgcaaagctc
ctttcaggtc	tgcattaatc
tctggcatta	gttggctgtg
accgattagc	ctcccagtta
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gtgatggtaa	atgggttact
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	240
	247

<210> 25717
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 <212> DNA
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<400> 25717	
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ggaaagaaat	caaagggaac
ctgggtgata	tctttgattc
atccccctat	ctagtgccaa
caagaacaag	tttctttctt
tcttttcctt	tttctaagaa
tggatttcat	gtaagccaaa
agaacacttg	attgttctga
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	240
	245

<210> 25718
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 <212> DNA
 <213> Homo sapiens

<400> 25718	
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tgaaaaaatg	ggtaaataag
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atacggggcaa	attctgctca
gtgaagaagt	aacagga
	60
	120
	137

<210> 25719

<211> 331
 <212> DNA
 <213> Homo sapiens

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 cagcctggcc aacatggcga aaccctgtct ctactaaaaa tacaaaaatt agcccagcat 180
 ggttgtgcac gcctgtaatc ccaactactt gggaggcagg agaatcactt gaacttggga 240
 ggtggagggt gcagtgagct gagatcgcg cactgcactc tagcctgggc aacagagtaa 300
 gactctgtct caaaaaaaaa aaaaaggaaa a 331

<210> 25720
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 25720
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 gacagagtgt tgctcagtta ccaggctgg agtgcaatgg c 101

<210> 25721
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 25721
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 atagtttcaa aatcttttat ctccagggtt gatctctctt gtgaactctg gaactgtatt 180
 cccaattgtc aattggacat ccctacgtat gggacctcag atatttcaaa catgatgtgt 240
 ccaagtctgt atcacttctg gccatcatat tgttctttta tttttccaaa tttcacatca 300
 ccagtaacaa actagctgtg atcatggcag atagcctgga aataaaactc ccctttttac 360
 cctttgcaca gcaaattgac atcaaatacct gtttctactt tttttttttw aacwatkgct 420
 tcccta 426

<210> 25722
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25722
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 gctcatggaa caggaagtcg gatgggtggga cg 152

<210> 25723
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25723
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 cttctattgt aacaagcact gaatgacata aatctccttt aagcactgct ttagctgtgc 120

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130

<210> 25724

<211> 355

<212> DNA

<213> Homo sapiens

<400> 25724

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ctwagtttta	tattaaagat	ggttattttg	attgatcttg	atatgttttt	catttcatca	180
gtaacaatga	aagtcttctg	gtagaataat	cagttctgta	ttaaaattat	tttcttgata	240
tggtagggtt	tatgtagaac	cttccatatt	ctcctgtcac	ctgtgatctg	tagatattgt	300
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<210> 25725

<211> 429

<212> DNA

<213> Homo sapiens

<400> 25725

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aaagttcaca	tcaactcaaaa	tgattgtata	tgcacacttt	gaatttaatg	ttctgwttat	180
aacctcggac	tctgtgacca	catagctaca	tatgaaatga	aaattactat	ctatataatc	240
aaaccaaaaa	ataatgttct	tctgaaaaaa	gcagataatt	gaatcataaa	tatagttcct	300
gcttcaacaa	cctagaactg	cactgttcaa	tctatatagt	aaccactagc	tacgtatggc	360
cactgaatac	ttaaaatgag	ccttgtccaa	gttaagacgt	gctgtaaattg	gatttcagag	420
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<210> 25726

<211> 343

<212> DNA

<213> Homo sapiens

<400> 25726

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aaataaaactc	cacatcttgg	ggttcagcac	aggtaccacc	tttttcagga	attatttccc	180
ctgacactgc	ttctccccct	actgtttggc	ccattatctc	ctctgtgtgt	ccccacggca	240
ttcaagtaaa	agccctatca	tataacttat	cacatgacat	tgtgattgag	tgttgaattt	300
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<210> 25727

<211> 198

<212> DNA

<213> Homo sapiens

<400> 25727

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tcaaactacc	ctatttcccc	aaaacttggg	ttgtgaaggg	attagtgccc	cagaactctc	180
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<210> 25728

<211> 212

<212> DNA

<213> Homo sapiens

<400> 25728

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aaggtaaagt	gttccaactt	gtctagctta	atcacctaag	tatgtatcac	aatcatatct	180
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<210> 25729

<211> 187

<212> DNA

<213> Homo sapiens

<400> 25729

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taacttgtat	acttttgcac	taaataagcc	aagatatact	gaaaacagtt	gggttgaacg	180
gcacaca						187

<210> 25730

<211> 243

<212> DNA

<213> Homo sapiens

<400> 25730

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gacttcccat	tttacctgta	ctcatttgtg	tttgtgaagc	attgccttta	aagtgtttac	120
cttttagaca	tttttataaa	atacaatttt	ttatctgcat	aaaacatgta	taatttgaat	180
ggatttttaa	aacatgattt	tggacataag	atgaaaaatt	taaaaatcag	cattacaggg	240
act						243

<210> 25731

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25731

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ttaaatatct	ctcctagatt	tttagtgtat	gttttgggat	tttatgggtt	tttttattta	120
ttttttttta	agcagacgtt	acagtttgtt	ttaatctact	atagatacgt	ttttrttttt	180
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<210> 25732

<211> 135

<212> DNA

<213> Homo sapiens

<400> 25732

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tccggaggct	aaaagttaa	aatcaggatg	ccagcatggt	cagggttctg	tgagggtccc	120
cttcvtgtgt	gccga					135

<210> 25733
<211> 454
<212> DNA
<213> Homo sapiens

<400> 25733
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taacttagtt gtagaaaaga gtgcaacatt ttcactttgg tagtattaat tgtacagggtc 180
catagtctct tctccacaac ttgaaaacc taaaatctct gagaatgaaa gctttttcca 240
tkaataagct gacctgttaa aactgacgtg acctaaactc atttcataca gcaaagcctg 300
actggaawdt gatttcttaa tttgtctcag tgtgtctagt catatgtttt tcctaaaaga 360
aataatagtt ttggaatagg taatgttgta caaacacta attttgtata aaaacaggat 420
accattataa tgtagtctac gtaagaggtt agta 454

<210> 25734
<211> 406
<212> DNA
<213> Homo sapiens

<400> 25734
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atcctctcat ctctccccac agagtgatta tggattcttc ctggaagggt tctcagggtc 120
ctaaccaacc agcccgtttg ttggccttca gcaaagtaga tgtkrgtttt tgtgtacttc 180
atagtgtata aaattattcc tgcaacaggt attaaaacct gagatttaaa atcctttcca 240
ttggtgttaa catacattat ttatttatkk akkttatkt atkttatttt ttgagatgga 300
gtctcacttt gtcacccarg ctggagtgc gtgacgtgat ctcggttcac tgcaagctcc 360
gcctcctggg ttcacgccat tcttctgcct cagcctccca ggtagt 406

<210> 25735
<211> 149
<212> DNA
<213> Homo sapiens

<400> 25735
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catacaatat atacgctttt atgttacata tatctctagt tccttttttc ttgcragatc 120
agattccatt atatatgtat gccacaatt 149

<210> 25736
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25736
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aatccataag accagatacc ttcagaaatg atttttcctg tgggatttct atgactggta 120
ttctgactag tgtgaaatga cagctttgga tgtctatatc tacacccatc aaaacctcag 180
agcttcatgc actgctataa cttttctggt aactctgggt aaattcggag gttgc 235

<210> 25737
<211> 301
<212> DNA

<213> Homo sapiens

<400> 25737

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gttgagttca	tttattttcat	ttcctcagat	ttttagggat	tgtcctcggt	ttttcttttg	120
attcattgtt	ttcattttgtt	tgtttttagaa	acaatatctt	gttctgttgc	ccggcctgga	180
gtgcagtggc	atgatcatag	ctcagtgcag	ccttgaactc	ctgggctcaa	gggatcctcc	240
tgtcacagcc	tcccaaatag	ctaggcctac	aggcatgcaa	gtaccacat	acctggccca	300
c						301

<210> 25738

<211> 255

<212> DNA

<213> Homo sapiens

<400> 25738

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ggaattgcag	atgaaattag	aagggaacac	tagaaaactt	acgtgtgaaa	ttcaatttga	120
atgcttgctg	ctgttgctgg	gggaagaaat	tacattgtac	actgagaaat	tttgtcatct	180
accataaaaa	tctaagtggc	aatttttagtc	attgacgaaa	atctaaaact	tttcaagttt	240
tttgtttttt	ttttt					255

<210> 25739

<211> 215

<212> DNA

<213> Homo sapiens

<400> 25739

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cacacgtgtt	catcaggaag	gacccacaga	ctgctgctcc	tggaggcctc	tcggtttatg	120
gatgtgtgtc	tgttccataa	accctcagag	ggtcacctgg	agaccgcgta	aaatgcagggt	180
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<210> 25740

<211> 351

<212> DNA

<213> Homo sapiens

<400> 25740

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gctgcagaat	agtcacaattt	atgaaaatat	caaatttgtt	ttacagtatt	ctgttgataa	120
atatgtaagt	kgctcccaat	gttgaactat	taaaagaacc	ctgcagtggg	tgaccttgta	180
catgtgtkat	cctactcagg	tgacaaatgc	ccactggagg	tggcattgct	aggtcagagg	240
gtgtgtgtgt	tttcatatgt	aagaacactg	cctaatttcc	ttcctagatc	attagcaatc	300
gagactccta	acaaccctta	aacatagatg	gaganggggg	ctttatcctg	a	351

<210> 25741

<211> 283

<212> DNA

<213> Homo sapiens

<400> 25741

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tattggttaa	agctcctctg	tcagascagc	tctcaattga	agtaaatagc	gcagagaagc	120

agatagtaag atgagaaaac ttccagttcc cagggtagcc ctactcttg ttaaagagg 180
catgttagga cgtgtccagg tcaaaagctg caaattccct tagatttgca ggaaatagag 240
gaaatgggta agatatggag cttctctgct ataggtgccc aga 283

<210> 25742
<211> 299
<212> DNA
<213> Homo sapiens

<400> 25742
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atgtgtgttg ttttgatata tgcatacaat gtgtaatgat caaattagag aaattgggat 120
agccattccc tcaaacattt gtgttgggaa tatttcactt cttctcttct agctattttg 180
aattaaacaa taaattgtta actgtagtca cctcctatac tattgaacct taagtcttat 240
tccttctaac tgtatttttg taccggttaa ccaacctctt cagtcccccac cacaccaac 299

<210> 25743
<211> 158
<212> DNA
<213> Homo sapiens

<400> 25743
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caagtctgta atcccagcac tttgggaggc tgagggtggg agatcacttg aggtcaggag 120
ttcgagacca gcttgccaa catgatgaaa ccccgccc 158

<210> 25744
<211> 211
<212> DNA
<213> Homo sapiens

<400> 25744
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tgttttcaac cagaggtata cctaggagtg gaatggctgg gtcatagggc atgactgttt 120
ccaagcttac cagctactgc caaattgctt cccaaagtgg ttgtaccagt ttacatttct 180
accagcaaga gaatgagaat ttggaaggc c 211

<210> 25745
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25745
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tgatagcatt ccagatttag ttttgctata atgcttggtt tgaaaatgtg gattttttcc 120
aaaagggttg atatttcagg gaacac 146

<210> 25746
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25746
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tactccaata aaggttgaga ttaacactaa gaatcccttg cttaacgtaa aataatagcc 120
actatggcaa gaagccatag atggagttgc cccaaca 157

<210> 25747
<211> 226
<212> DNA
<213> Homo sapiens

<400> 25747
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caccttccat ctgattttaa atatgtttta gggccagggtg cagtggctca tgcctgtaat 120
cccagcaact tgggaagctg aggcaggaag actgcttgaa gccacgagtt tgagatcagt 180
ctgcacaaaa tggacctcgc ctctacaaaa aaatttataaa attatc 226

<210> 25748
<211> 322
<212> DNA
<213> Homo sapiens

<400> 25748
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tacatgtaag gttcctctat atatttttgt ggcattctcat ttaaaaaaaaa maaattascc 180
aggtgcagtg gctcatgcct gcagtctcag cactttgaga ggccaaggca ggwggwtgac 240
ttgagttcag gagttcagga acagcctggg cacatattga gtcctcgttt tgacaaaaaa 300
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<210> 25749
<211> 312
<212> DNA
<213> Homo sapiens

<400> 25749
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ttgtaaattc tactttataa tattatttta taaagtccct gaaaatcatg ggattsttta 180
gctgagcaca gaaatttcta aatgggttgt gaccaacatt tacaggctta tcaggcttag 240
tagttaattt gtttcttgag tttgatttgg ttgcatggta tcaaatcctg atcaaacaga 300
taagtggttt gc 312

<210> 25750
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25750
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gccattgata atttcttttc ttttttcttt tttt 94

<210> 25751
<211> 366
<212> DNA
<213> Homo sapiens

<400> 25751

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gcttccattt	kgtttgccct	atgatcataa	tagttggaac	cagaatccag	ttctccgact	180
gaaatgaatt	tcagtagac	aagtcaaaaa	gaggtcttat	tcatgttcca	aaagacctac	240
cgctgarrrrc	caaagtctta	gatatgtctc	agaactacat	cgctgagctt	caggtctctg	300
acatgagctt	tctatcagag	ttgacagtst	tgagactttc	ccataacaga	atccagctac	360
ttgatt						366

<210> 25752

<211> 155

<212> DNA

<213> Homo sapiens

<400> 25752

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aggcagaggc	aagcagatcc	caaggtcacg	agtttgagac	cagcccggcc	aatgaaactc	120
cgtctctact	aaaaatacaa	aaattagcca	gacaa			155

<210> 25753

<211> 71

<212> DNA

<213> Homo sapiens

<400> 25753

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sgccaagcca	g					71

<210> 25754

<211> 391

<212> DNA

<213> Homo sapiens

<400> 25754

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ctacttctcc	aagaagcagt	ctgcattagc	ttgttctcac	actgctaata	aaagacatac	180
ctgagactgg	gtaatttata	aagaaaaaga	ggtttaatgg	actcacagtt	acatcggagg	240
cctcacaatc	atgatggaag	gtgaggagga	gtgaagtcaa	agtcacatct	tgcatggcag	300
caggcaagag	agagcatgtg	caggggaact	cccctttata	aaaccatcag	atctcatgag	360
acttattcac	cgtcacaaga	acagcatggg	a			391

<210> 25755

<211> 351

<212> DNA

<213> Homo sapiens

<400> 25755

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aaaaattcat	tatgtaaaat	aattacatcc	taccagtgg	gggattttta	aaatttaatg	120
tgcttgga	ctgcttgat	agaggattat	catgtattag	atcatacttc	accatggtaa	180
gattgtaata	gacttagaat	gtaccaaata	tcacagccaa	ggctatatac	cacttaaatac	240
acccaaaaca	gttctatgac	acttccagtc	caataaratg	gttacaata	tggtataccc	300
attgcttgta	taaggggtcc	catgtaaatc	ttaaagtaatg	tcagcacat	a	351

<210> 25756
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 25756
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 actgaacaaa aggctagagg catgggccag gtaaaaattg ggcctagagt gamgactgtg 120
 ctgtcgttaa gagctttcga ggaaggagta cttactcccc aatgatgatg aatggaaaaa 180
 tacttttcag ggagaattga aggggttaaa gtgttaaata tgttgcctag acaagggttc 240
 tttaaagaaa gacagcgcma ctttgaatgc tttcttactt gttttgtgac ctaatttatg 300
 tggaagattg ttatttcatt aggmmttmgt aamatttttt tttctgattc taaacttatt 360
 gtgaaaattg agctgtaca 379

<210> 25757
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25757
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 tgggagtata attctgtcct ccatctcata agccccagta cctgagccag aatgattata 180
 accaaccaca ctgtctcttt atcatggatg gcttttagcag taggttattt tcatcattgc 240
 catttgtagc tctacagtgg ttatagtaat ttctcatctt ttaagtctct ccctcaa 297

<210> 25758
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25758
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 gactaccma rgacatatta taatcaract gtcaaaaatc agaggcagag agaggatcct 180
 gaaggcagca aaagavdrga agcaataaca taacataaaa acgggctcaa atgtacctag 240
 aagtggactt ctacagccga accttatggg ccagaaaaga gtaggatcat atattta 297

<210> 25759
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 25759
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 catcctttta ttttgagccw atgtgtgtct cwgmactgta gatgggtttc ctgaatacag 180
 cagc 184

<210> 25760
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 25760

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kgaaacctgc	maggaatacc	aaagggagtg	gaaaaatcca	akgttgggaa	gssmtgggac	180
attgaagtta	caactggacg	ataaaaacag	arttttttcc	ttgtgacgtg	accactgtga	240
tgtaaagctg	tatctccttc	atttcatcaa	gaaattttta	aattctcccc	caacgtgctt	300
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<210> 25761

<211> 415

<212> DNA

<213> Homo sapiens

<400> 25761

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actctttact	agaatccggc	acaccattta	atatcagtat	gagcatatgg	tgggtttaat	180
aattgttttc	catgtttata	agttttcttt	agttttataa	gcagttaaaa	agaatccctt	240
tcactgaaat	acaatctgtg	gtgggacttc	tagcttttct	caatcttacg	ctgctagatt	300
tatgtcactg	ccaaagctat	gcaatgggtg	atatttvnac	tatgtctcaa	caaagcaacc	360
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<210> 25762

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25762

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<210> 25763

<211> 335

<212> DNA

<213> Homo sapiens

<400> 25763

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atgcagcaga	aaataraatc	agcatggcgt	kggcatgtac	aacttacatg	taaactaagg	180
tgtttaaatt	agattttcaa	tacactggat	actactattt	cccaaactat	gggcaaatgt	240
agtactaaga	agaagtctct	ctgggaaaaa	aaatgaaatt	ttatacctat	ttctatacta	300
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<210> 25764

<211> 252

<212> DNA

<213> Homo sapiens

<400> 25764

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gaatgggttg gagtatgaag aaggcagcaa acacaggttc attgttgacc agtgattaat 180
aatgcggatt gtaattagc ctkcgttgat tatgagggtg tttcttrac ktaratarkt 240
taagaccarg ga 252

<210> 25765
<211> 166
<212> DNA
<213> Homo sapiens

<400> 25765
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ttatttagct ttaagttttg ttctcaattc ctagtgga aaaaaaagc accaaaaaat 120
tcaattttta catttcaatt caaatgcaag aacttgaac agaccg 166

<210> 25766
<211> 189
<212> DNA
<213> Homo sapiens

<400> 25766
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ttgatgaaac tgaaaatttg tctagtcaag aaaactttta gaaaattttg tctagagagg 120
attgcgtaat gcctggtata taattacgga cacacacaca cacacagaca cacacacaca 180
cacacactt 189

<210> 25767
<211> 213
<212> DNA
<213> Homo sapiens

<400> 25767
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tactccgcc ctcgacagg tcttgctgtg tcgcccaagc tggagtgcag tgggtgtcatc 180
tgggtctcatt gcggcctcca cttcctggat acc 213

<210> 25768
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<212> DNA
<213> Homo sapiens

<400> 25768
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cttagtcttt twgcagccac 140

<210> 25769
<211> 128
<212> DNA
<213> Homo sapiens

<400> 25769
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cgccccct 128

<210> 25770
<211> 198
<212> DNA
<213> Homo sapiens

<400> 25770
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gctgattcaa tcagattctc tggaagcagg gtaccggcat ctctagtttt aaaatgtctg 180
cagatcatatc ccatgtag 198

<210> 25771
<211> 365
<212> DNA
<213> Homo sapiens

<400> 25771
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attaattaaa aatttggttc cttcgttgaa ctagccacat ttcaagtacc agatagccca 120
tccggctggg ggctactgta ttggatgggt cagatagaga ctatttctat catctcagaa 180
aatgctcctg gacagcgttg gtctgaagga aaactgggtg ctgcactga gagctgattg 240
gagggggggac aaggagaaaa agtagcagat atttttttat actctgccaa cgtgaataat 300
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ndmcc 365

<210> 25772
<211> 173
<212> DNA
<213> Homo sapiens

<400> 25772
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ttggttgcta taacagcata agatcaacaa tgagaacggg catattgggtg atttctggca 120
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<210> 25773
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25773
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ctgcagcccc agggccgccc cgcgtcacat gagccccagg gctcccaccc cctcccgat 119

<210> 25774
<211> 247
<212> DNA
<213> Homo sapiens

<400> 25774
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tgaggttgct ctcathtagg gttggaatct ttgaagataa aatacttctt cctacctctc 120

acttgagatc aaggaaacct acataagact cccagagcaa aaggaccctg taacacttgt 180
gccttggcat tgccatatgc tctgttgcgc aggaatgggg aggaacggcc atccacatgc 240
caccccc 247

<210> 25775
<211> 131
<212> DNA
<213> Homo sapiens

<400> 25775
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ctggccaaca tgggtgaaacc ccgtctctac taaaaatata aaaattagcc aggcgtgacg 120
gcgcgcacct a 131

<210> 25776
<211> 111
<212> DNA
<213> Homo sapiens

<400> 25776
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<210> 25777
<211> 245
<212> DNA
<213> Homo sapiens

<400> 25777
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tagtagctgg tactggaggc atatgccaac acacctgtct aatttttgtg tttttgtag 120
agacaagggt ttcactaaca gttactcttt ataactactt aagttaacct acaaataaaa 180
aatggcatga agcttttact gttgggggga agttttcaga tgttactaca acattaagcc 240
caatt 245

<210> 25778
<211> 426
<212> DNA
<213> Homo sapiens

<400> 25778
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gatcagctcc tgtgggaccc tgagtactta ccagaagata aagtgattat atttcttaaa 120
gatgcactca gaagaacagg tgatgagaag ggtgtagaag caattcctga aggatctcac 180
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gcattgagaa gattaagatt taatgtaaaa gcagctagag aggaattatc tgtttggaca 300
gaggaagagt gtagaaattt tgaacaaggc ctgaaggcct atggaaagga ttttcatttg 360
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ggaaac 426

<210> 25779
<211> 285
<212> DNA
<213> Homo sapiens

<400> 25779
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 gtaagttttt catatatgct tgcaaagggt tgtaaaactt tattgtgatt attcttgctt 180
 taagctgaaa cttccctaatt ctttcttttag agattgtggc atagcatgat agtttctttt 240
 ccatatccaa ttgttttctg taatgaatac agaaatatgg gcaca 285

<210> 25780
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 <212> DNA
 <213> Homo sapiens

<400> 25780
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 tgaatgaacc ttctcaatct gaagcatatg ctctacagg aaaacatagg tcttgtgaga 180
 acaggtcacc atcatcatct ccatggcac 209

<210> 25781
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 25781
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 atttggaaca agtaaggata ccttgactcc aacactaaca gctgtgctga tagaccttcc 180
 ctactcaact cagggtcattc tgacctggct cctcatccct ccctcggacc cacttctgag 240
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 gcatttcgga cagagttcaa cttgatgtat gcctactca 339

<210> 25782
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25782
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 tagagagtca gatgactccc agacaggcct ac 152

<210> 25783
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 <212> DNA
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<400> 25783
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 gatcctcagg agtctctgca ttagttggac agctcttctg gaattatctt ctaagtcaac 240
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<210> 25784
<211> 180
<212> DNA
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<400> 25784
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gctggggcag aagaatcgct tgaacccggg aggtggaggt tgcagtgagc agagattgtg 120
ccactgcact ccagcctggg tgacagagca agactccatc tcaaaaaaaaa aaaaaaaaaa 180

<210> 25785
<211> 183
<212> DNA
<213> Homo sapiens

<400> 25785
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ccctaaagga agcactaaac atggaaagga acaaccagta ccagccactg caaaaacatg 180
cca 183

<210> 25786
<211> 174
<212> DNA
<213> Homo sapiens

<400> 25786
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acaacactaa cataattatt catttgcttt atcctacggt taatacagca gcat 174

<210> 25787
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25787
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attcctgtat atattcaatc ttctgtaggt ttcattagga ccggg 105

<210> 25788
<211> 252
<212> DNA
<213> Homo sapiens

<400> 25788
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tttaattctt ctctgtcttg gccttacttg gctaattttt gttaaactaa gtcataaata 180
tattctacat ctactcaagg ttcacttcat tcagtagata ccatgggaat aactaaagtt 240
taccgaagct ac 252

<210> 25789
<211> 225

<212> DNA

<213> Homo sapiens

<400> 25789

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gtgtctgtat	tcataaagga	taattggagt	atatttttct	tgcaacatcg	ttgtctgg	180
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<210> 25790

<211> 249

<212> DNA

<213> Homo sapiens

<400> 25790

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tggcctccca	gagtgtctgg	attacaggca	tgaggcacca	cgcccgccct	ctaatagagat	180
ctttagctat	tacagcgtgt	cttactctgt	gtacttagta	gtggtaagac	agtgttttga	240
ccagttgtg						249

<210> 25791

<211> 256

<212> DNA

<213> Homo sapiens

<400> 25791

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acaagaaatt	ggtgaaatta	tgtatatcta	cagaaggaat	acattagcag	cttttaaatcc	180
actaaaaaaa	caagagtctt	ggagaatggg	acctttatct	tatctctgtg	tctcaaatct	240
tagcacaacg	cctggc					256

<210> 25792

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25792

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cctgtgcagg	catcttcaca	agccagctct	tcacctcctt	ccgtcacc	gtattaaaac	120
tccgcaccca	ctcaacactc	actccccgtc	tccccccatc	ccctgtgcc		169

<210> 25793

<211> 382

<212> DNA

<213> Homo sapiens

<400> 25793

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accaggctct	cacctactct	gatgttttca	ctcctgactc	ctaagaagca	gattggcaat	180
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gggaaccttg caagaacaaa cagcttaaaa ttcatagaaca gaaatagcaa cgtttattca 360
tgatgtttca aatgccccta ac 382

<210> 25794
<211> 142
<212> DNA
<213> Homo sapiens

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atgttatttt tattgctgag tgatatttca ttggatgaat atgtcataat ttaccctttc 120
tactgataga catatgggtt tc 142

<210> 25795
<211> 104
<212> DNA
<213> Homo sapiens

<400> 25795
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cctctccgtc ttccagatgm gtgcgctgag gcctggaggg gctg 104

<210> 25796
<211> 139
<212> DNA
<213> Homo sapiens

<400> 25796
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ccctcccgt ccattccagg cggccggcgc tctctctcgc gactcgcgc rctgmgctgc 120
aaccrcaacg amctgcgta 139

<210> 25797
<211> 118
<212> DNA
<213> Homo sapiens

<400> 25797
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atttgtattc agagtgtgag agcaagctct acagatagac cttattggac tacttttt 118

<210> 25798
<211> 261
<212> DNA
<213> Homo sapiens

<400> 25798
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ggagtgtaa actagtcaac catcgtggaa gacagtgtgg cgattcctca aggatctaga 120
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aaagacttgg aaccagcacc g 261

<210> 25799

<211> 150
<212> DNA
<213> Homo sapiens

<400> 25799
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ttaaattttt ttctttttacc cagtaggaca aaaaagagca gttgggtcatc atccccaata 120
ttcttagtct tcagtatgct tcaggcccaa 150

<210> 25800
<211> 204
<212> DNA
<213> Homo sapiens

<400> 25800
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gtcaggagtt cgggaccggc ctggacaacg tggcggagcc catcttaaaa atgcaaaaat 180
tagccgggct tgctgggtggg ctgc 204

<210> 25801
<211> 439
<212> DNA
<213> Homo sapiens

<400> 25801
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gcbccccacc tctctagagg ccccggtttg tgatgttccc tgccctgtgt ccatgtgttc 360
tcattgttca actcccactt acgagtgaga acatggcagt gtttggtttt gtgttggtgt 420
gatagtttgc tgagaatga 439

<210> 25802
<211> 395
<212> DNA
<213> Homo sapiens

<400> 25802
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atattatctt aataaagact gggatgccaa ggtaagtgga ggtatacttc gaatttttcc 120
agaaggcaaa gccagtttg ctgacattga acccaaattt gatagactgc tgtttttctg 180
gtctgaccgt cgcaaccctc atgaagtaca accagcatat gctacaaggt acgcaataac 240
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aaaagggtgtg agggttgaac tcaataaacc ttcagattcg gtcggtaaa acgtcttcta 360
gagccttga tccagcaata cccacttca ccgac 395

<210> 25803
<211> 315
<212> DNA
<213> Homo sapiens

<400> 25803
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 atatcaagga atgggattgc tggatcatata gttgctggta attctatttt taattttttg 180
 aggaacctcc attctgtttt ccatgggctc taccatttta cattccacaa acagtgcaca 240
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 cttttcatag tgggc 315

<210> 25804
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 25804
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 catgtactct gcatctgtgg attaaaccaa ttgcagatca aaaatattag aaaaaataaa 120
 aataatacaa ataaaaatac agtataacag ttatttaaag agcatttaca ttgcattagg 180
 tattagtcta gggataaagt atacaggcgg ac 212

<210> 25805
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25805
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 aagtcaggag aaagaacaga agcaatactg ctgaa 155

<210> 25806
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 25806
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 tgtggtttca ttaggggtta tcgtgaacct tgtttgtgaa cctgggtttc tttttgtttg 180
 ctttgcttcg cgtcagaaat tcagattt 208

<210> 25807
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25807
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 atgtgtctct ttccaatgca gtaagcttct ccagggtatt cttcaagtag acaacattca 120
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<210> 25808
 <211> 186
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<213> Homo sapiens

<400> 25808

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tcagtggaac acaatagagc ccagacacag acccttgtaa atatagtcaa atgacggtg	180
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<210> 25809

<211> 185

<212> DNA

<213> Homo sapiens

<400> 25809

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ccacaaaagt tttggttatgt tgtattttta tattagttca aaatatttcc ttctttcccc	180
taaga	185

<210> 25810

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25810

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gatccacccg cctcagcctc ccaaagtgtc gggtttacag gcgtgagcca ccatgccag	120
cgatcttatt ttttaaagtt cccaagtg	149

<210> 25811

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25811

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taaaaatttt aattatactc ctatacttta ttataaaaga tactgatttg attagcatcc	120
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<210> 25812

<211> 183

<212> DNA

<213> Homo sapiens

<400> 25812

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ttcgtatgga aaacattctg agcggaaacc ctctccttaa tctcactggc mcatcccagc	120
ctcaggccaa cttcaaagtt aaaagaaggt gggatgatga cgttgtcttc aagaactgtg	180
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<210> 25813

<211> 161

<212> DNA

<213> Homo sapiens

<400> 25813
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 ggaaagggca tgctaataat tgagtgtggt gtcaaacagg c 161

<210> 25814
 <211> 173
 <212> DNA
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<400> 25814
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 ccatcttaag tccctgtgccc tctgcccgtgt gttactgagt gcctaggccg tgccagcctg 120
 tattcatctg tactatgacc tgaagaggca gaggccatca ttgttggtcc agg 173

<210> 25815
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 25815
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 gatggaccta cattcagaca tctttaccac ccaaagtcca tggtttacat taggggtttt 180
 tttttttt 188

<210> 25816
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 25816
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 tcctctcact tcctaacttg aggacagaga aatatattct gatgtcccta actggcagtc 180
 tgctatggtg gtgaccacga gt 202

<210> 25817
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 25817
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 gtgtcggatg ctcaagaaaa gcgggcttgt tgtggaagac ca 162

<210> 25818
 <211> 190
 <212> DNA
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<400> 25818

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tagttcttaa	ctcccacaat	ccttcttagc	ctaacaaacc	tcttaattaa	ggtccatgaa	180
agaccaggaa						190

<210> 25819
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 25819						
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agygacgggg	gacggggacc	agcagctgtc	gccgccgctc	tcagatcgag	tcttgctctg	180
tcacccaggc	tgagagtgcag	tggcgcgata	tcagctcact	gccacctttg	cctcctgggt	240
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<210> 25820
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 <212> DNA
 <213> Homo sapiens

<400> 25820						
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ccgtggccac	catctgtgct	ttctgtcatc	tggtccctat	ggtttgctgt	catcttgtgt	180
gtctagggac	acaggctgct	gatcatgctg	tagctgtttg	agtaagaaat	aaacaatcta	240
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<210> 25821
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 <212> DNA
 <213> Homo sapiens

<400> 25821						
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tcgtcttctg	ctgtcgacca					140

<210> 25822
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 25822						
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ctgtgggact	taccctacta	tgggtccgagc	ctaccctatt	tcattatact	caagtaacgc	120
cccagtt						127

<210> 25823
 <211> 135
 <212> DNA
 <213> Homo sapiens

004220.066T560

<400> 25823
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atatttttgc ataatactct cttactgctt acattctata aatttttcac gtgataattg 120
tctttgcgta actgg 135

<210> 25824
<211> 107
<212> DNA
<213> Homo sapiens

<400> 25824
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aacctctcaa gtacacaatt gtatgttctt tgtatccctt acccact 107

<210> 25825
<211> 230
<212> DNA
<213> Homo sapiens

<400> 25825
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cctggccatg gccaaagaga gggcccacca gaaacgcagc agcaaacggg ccccgagat 120
ggactggagc aagaaaaacg aactcttcag caacctctga gcgcctgct gccacccagt 180
gactggcagg gccgagccag cattccaccc caccttttct cttctcccct 230

<210> 25826
<211> 262
<212> DNA
<213> Homo sapiens

<400> 25826
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tcaccatggt ggtcaggctg gtctcaaaact cctgacctcg tgatctgccc tccttggcct 180
tccaaagtgc tgggattaca ggcgtgatgg agatgatact ccctaaatca caaggggtgtg 240
gtgtgaagat gaaatggcaa ca 262

<210> 25827
<211> 127
<212> DNA
<213> Homo sapiens

<400> 25827
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attagattgg gcttgacagt taccagctcc cagatgagtg tcccccttcc tgcacctccc 120
cccaaatt 127

<210> 25828
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25828
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aggattataa	tccactttcc	ttctgaggaa	aagctgggaa	ccttctcatt	ttgccttatg	120
aaaactaaag	ctgaatcgac	tgctgccaaa	catctattag	gcaaaattgg	cctcttgccc	180
atgatttgac	ttccagcac	aacctcca				208

<210> 25829
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25829						
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actgtgcaaa	tactttaata	gcaaacctga	ttaatatattt	tcagatgtag	aatgtgtgaa	120
gtaatttgat	gtctttgcta	gtttagcttc	tggttaatct	acgtaccctt	ttttaaagga	180
aaacagacct	c					191

<210> 25830
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 25830						
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cctgtcgccc	aggctgggg	gcagtggcgc	gatctcagct	cactgcaagc	tccgcctccc	120
gagttcasgc	cattctcctg	cctcagcctc	tcgagtaact	gggactacag	gcgcccgcga	180
ccacgccc						188

<210> 25831
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 25831						
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cgtgaatgra	aagtcacatg	acttgttctg	tttcctttat	tgaaagagaa	acctttacaa	180
aaatagtact	tcatagaagg	aagcatagta	tgtggaacac	taaaccagga	atcaggaaac	240
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<210> 25832
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 <212> DNA
 <213> Homo sapiens

<400> 25832						
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gawttttttt	ggccatggt	tctcccttta	ttttactcaa	tgttctcaaa	actaaaatgg	180
ctctttaatt	tgattttcgt	aaaatggraa	tttggtagat	catattttat	ttactatgtt	240
gttaaaatgc	cccaatc					257

<210> 25833
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 25833
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tacagaagct cgataaaatt ctcatcttcag gaaattaagt gtatattcaa catatacaga 120
agtaacattc atttgcatgg attctctttt gagtagattc tgaagaccaa gaggtatctt 180
acccatcaaa ctagcttttcc ttcacatttc tcttccgagg ttcactcacc ttttccctcc 240
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cct 303

<210> 25834
<211> 278
<212> DNA
<213> Homo sapiens

<400> 25834
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cccaccatgg agtagggagg ttataagagg aataaaatga ttcattgcttt tgargtatgt 120
cagttaacaa tgcagtatgt atgatacaat agaagtttagc acaaattgta tggracaaag 180
aaggggaagg gcttaaaaaa ttactaaaga aatccataag araaagtgtt aaaaatattg 240
aaaagaaccc tagtgatgaa aatttgagag accctcgc 278

<210> 25835
<211> 212
<212> DNA
<213> Homo sapiens

<400> 25835
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ggretcactt gtgcacttgg wcacgactga gtttgcctg agcmattgtg gtagaattga 180
cctcgaggtg cccaatctat ratagttcca cg 212

<210> 25836
<211> 282
<212> DNA
<213> Homo sapiens

<400> 25836
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caaaagtaga taaaacaaca aagatgggga aaaaacagag cagaaaagggt gaaaattttt 120
aaaatcagaa cactactccc cctccaaagg aacgcagctc cttgccagca acggaacgaa 180
gctggatgga gaatgacttt gacaagttga gagaagaagg tttcagatga tcagacttct 240
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<210> 25837
<211> 212
<212> DNA
<213> Homo sapiens

<400> 25837
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atataaacag aggattacag ttttgtccat ttacaagtct aaataagcca ctgaatgggt 120
tataactatt tttcagtatt gtgttctata tttataatta tgaagaacgt tgagaatgca 180
atcatcctta atagcaagag taagccaccc gc 212

<210> 25838
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 25838
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 gcttctcata aaatattttg aactagtaac attaagtttt gacaaaagct tgwaacctga 120
 ggggaaaaaa aattgggtcag atactgtgag agagatttca aaagaatagg 170

<210> 25839
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25839
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 ttggcataat gtatgtatat agttatagat ctttttatca tgtgtgttga tttgtgtaac 120
 taccaccacc aagatacgaa actcttctgt caccggaa 158

<210> 25840
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 25840
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 ttgcagccta ggagtcattgc ttgggttcttt ctttttctca cctcacataa atcagtgaac 120
 aagccttgag agttctctct agacctcttt gctgtgtctg acacatcttc cctccattct 180
 aagtgtgtct gtcttaggcc acaca 205

<210> 25841
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 <212> DNA
 <213> Homo sapiens

<400> 25841
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 ctttatttgt gtcctaaaca ttcttcagtg aaaataattt tatttcagtc aarcatttat 180
 gaggaatga gatcacatct ttgtcamwgg atgctacttg aagarggagt actttgtaac 240
 cactttgata tgctgttatc accacct 267

<210> 25842
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 25842
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 agaccgagga gggggagat 139

0-9460

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aagagactcc	aattcctgga	wgcvttcctt	aaagcaactc	cccrcttg	tctgagtcct	180
cttcttwatg	ccagaagccc	cacatgtaca	cctgaactgt	ctgcttat		228

<400> 25844

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<400> 25845

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<400> 25846

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<400> 25847

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393

<210> 25848

<211> 98

<212> DNA

<213> Homo sapiens

<400> 25848

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<210> 25849

<211> 314

<212> DNA

<213> Homo sapiens

<400> 25849

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<210> 25850

<211> 120

<212> DNA

<213> Homo sapiens

<400> 25850

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<210> 25851

<211> 274

<212> DNA

<213> Homo sapiens

<400> 25851

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ataactctac acatttactc tccccattt tatgttttga tgtcaaaatt tatatcattt 180
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cactgcacta gnncataaaa ttgcttcaca cacc 274

<210> 25852

<211> 199

<212> DNA

<213> Homo sapiens

<400> 25852

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ttgaagacgg aagcttttgg ttcatatcca aatttcaatt cagatttttt ttttttacia 120
aagccaatat atcagccaat ttttagcgam atcctcttaa atcatkkgga tatttaagt 180

aatgtaaaat gccacctt

199

<210> 25853

<211> 177

<212> DNA

<213> Homo sapiens

<400> 25853

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tcttccataa	taatagtaat	aacaatggtt	atcatcatcc	cctgcacatc	ccgcctt	177

<210> 25854

<211> 200

<212> DNA

<213> Homo sapiens

<400> 25854

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aaacaaatca	aagctcatga	tggcagtgtg	ttcacacttt	gtcagatgag	aaatgggatg	180
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<210> 25855

<211> 142

<212> DNA

<213> Homo sapiens

<400> 25855

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aaaggcttta	gtagtagtag	ttgttgtcat	ctgtaagatg	gttaggatgg	gtttttctca	120
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<211> 445

<212> DNA

<213> Homo sapiens

<400> 25856

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cactcgtgac	aaactagctg	gaagaatgac	aaccaatcag	gttccaagca	ccactgggatg	360
tgaaccacag	aatttctctc	tctccttgtg	gaatgtcagc	ttacgtctga	caaaaaatgt	420
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<210> 25857

<211> 287

<212> DNA

<213> Homo sapiens

<400> 25857

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cacatcagca	ggaatgtcat	ccacgccagc	gactccgtgg	agggggccca	gcgggagatc	180
cagctgtggt	tccagagcag	tgagctggtg	agctgggcag	acgggggcca	gcacagcagc	240
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<210> 25858
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25858						
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<210> 25859
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 25859						
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<210> 25860
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 25860						
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ccatttttct	tgagttctgc	cctaactctc	cttcttgtct	caatctgtac	tcctgagtta	180
tttcactctgc	ttccgtgagt	acaaatatca	tctgtgtgct	gagaactctc	tggccaaaat	240
ctgcagctgg	atctctctgt	aagctccaga	tatgtatcta	tcatttttagc	ctgcagtctt	300
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<210> 25861
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 25861						
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gtgaaagtcc	gtaaatcagg	agttagaaaa	ttagttttta	acttattttc	tcattttaaaa	180
acatggattc	agatttctaa	gggagtataa	agtgtgacaa	agcca		225

<210> 25862
 <211> 150
 <212> DNA

<213> Homo sapiens

<400> 25862

caatagagaa	gagcaaatgt	agtttaaaaa	ttacaaaatc	taaaggwwac	caagaaagaa	60
gagagaacaa	agagacaaat	atagaaaatg	cctattattt	tagaagcata	aactcsaawt	120
cagaataaca	ttaaatgaaa	aaggaccttc				150

<210> 25863

<211> 324

<212> DNA

<213> Homo sapiens

<400> 25863

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cctccacccc	gctggaaatc	ctgttctttc	tgaacgggtg	gtataatgct	amctatttcc	120
tgctggaact	tttcataatt	ctgtataaag	gtgtcctgct	accatatcca	acagctaacc	180
tagtactgga	tgtggtgatg	ctcctccttt	atcttggaat	tgaagtaatt	cgctgtttt	240
ttggtacaaa	gggaaacctc	tgccagcgaa	agatgccact	cagtattagc	gtnnccctga	300
ccttcccatc	tgccatnntg	gcca				324

<210> 25864

<211> 430

<212> DNA

<213> Homo sapiens

<400> 25864

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ctgtgagggtg	gaaaatagaa	cttttaagca	atgaacttgg	atatttagct	gaggaaattt	180
ccaagtaaag	tgtaggattt	gttatctggt	ttctccttgc	tttttagagt	agaatatgag	240
aggaaagaga	taaagtgagt	aaggagctgt	taggttaaaa	gcaaccagag	chnngatgat	300
ttggannatt	ctcaggctat	tacaaaaagt	gatatagctt	gctctgggga	ttaccagag	360
cagagacaaa	cttttgctgg	gaaggtttagg	tatgtaactc	atggatccaa	tcaatcatct	420
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<210> 25865

<211> 250

<212> DNA

<213> Homo sapiens

<400> 25865

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aaagtgaag	caggctttac	aatgatcagg	ccaagggccg	ggcacgttgg	ctcacgcctg	180
taatcccagc	actttgggag	gccgaggcag	gcagatcacc	tgaggtcagg	agttcgagac	240
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<210> 25866

<211> 128

<212> DNA

<213> Homo sapiens

<400> 25866

gtcacatgca	acattttacg	aaactggcta	gaagacagca	ggggaactcg	agaagttggt	60
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tgttttcagc agattaaaaac aatacagggt agtgcttttt gccccctgga aaacttttcg 120
tagccaca 128

<210> 25867
<211> 153
<212> DNA
<213> Homo sapiens

<400> 25867
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caagtcaccc atccgcctcg gccgccaaag tgctgggatt acaaacatga gccaccgmac 120
ccagcctcct tgattatattt cttccctcca acc 153

<210> 25868
<211> 192
<212> DNA
<213> Homo sapiens

<400> 25868
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tttaatttct aggagatgca tgggttaacta tcaggggtga catgccacta gatctgmara 120
tttaacttaa aatgggttcag agaaggctgg atgcgggtgt tcamgcctgt aatcccagca 180
ctttgggagg ct 192

<210> 25869
<211> 217
<212> DNA
<213> Homo sapiens

<400> 25869
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ttccatgggtg gccggagcag cagcttacia tgaarratca gagactgggtg ctcttgagga 180
aaactatagt tggcaaattc ccattaacca caatgac 217

<210> 25870
<211> 121
<212> DNA
<213> Homo sapiens

<400> 25870
cacattttat tttgtattks agctgactgt atttatgtct tattttccct cctaggttgt 60
aatgtcttat ggtcaggagc catattctct ttgtctttgc taaratacca tatgccgcac 120
c 121

<210> 25871
<211> 298
<212> DNA
<213> Homo sapiens

<400> 25871
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caacagggat ttggaaaaac cagcaagcct gtgtcaaaaa tgaggctccc cttgaatggg 120
gcttgagcta cagattcaaa cagcggcagt gacattttga tctccatttc ctctttttct 180

tgtgtctttt ctctgtgta cactgtgagt gtggtgactg gggttcccg tggtttact 240
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<210> 25872
<211> 184
<212> DNA
<213> Homo sapiens

<400> 25872
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acttcttggt cagtagagct ggctccagaa attgaattaa tatattttaa tattatgaaa 120
tatctcaggc atatttaaaa aatcacaaat aatatttaac atcatgtact gacaaccag 180
ctca 184

<210> 25873
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25873
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gttcccagga gtctactttt cactgcct 148

<210> 25874
<211> 197
<212> DNA
<213> Homo sapiens

<400> 25874
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aaagtatata tttgggtgca gctgttggtg ctcaagctag acattaaaga aatttgcaaa 180
gatgtaaaac agtgcct 197

<210> 25875
<211> 133
<212> DNA
<213> Homo sapiens

<400> 25875
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ctctgatcat ttagttctat ctatttagaa atatgtaaaa ctggattttt ttttargata 120
atatgtgacc caa 133

<210> 25876
<211> 238
<212> DNA
<213> Homo sapiens

<400> 25876
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ttccatctta tggctgagta gtattccatg gtaaatattt ataacacact ttctttatcc 120
acttactgat ttgatgggma tttaggctgg tttcaaattc ttgcaattgc atattgtgct 180

gctataaaca tgcgtgttca agtatctttt tcatataatg acttattttc ctctgagc 238

<210> 25877

<211> 168

<212> DNA

<213> Homo sapiens

<400> 25877

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agcaaataag tctatgatgt cagagatttc gaaaattata tggaatgggt gaaaaaaaaat 120
catatggaaa tggwaggcac tatttgacct aaagaagaca tgaggggc 168

<210> 25878

<211> 98

<212> DNA

<213> Homo sapiens

<400> 25878

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ctttttgata tgctgttggg tttactttgc cagtattt 98

<210> 25879

<211> 127

<212> DNA

<213> Homo sapiens

<400> 25879

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ggccgctc 127

<210> 25880

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25880

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tttcaattct aagtctagat agagattata tttatcctat tttggatgca tgtgtttcat 120
gattctgcat tttgtctttc atgagatcta gaagtttctg agcccgct 167

<210> 25881

<211> 224

<212> DNA

<213> Homo sapiens

<400> 25881

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gtatagatag gtgtctctgt caatggtata tgtatctttt ggtttaaaga ttcgkcattt 120
caaattcaga cttcaagttt agaaagtgt atatacatgt ggtagataa atatttgaha 180
gaaaaaaaaa caaagcgtga ttctcccat tccctgcccc ccca 224

<210> 25882

<211> 232

<212> DNA

<213> Homo sapiens

<400> 25882

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tctattgtat	tgatttcttc	tgtatttacc	ttttggattt	tgtaaaacag	aagtttaagr	180
scacaagtta	gaagaaaggt	cacatatttc	aaacacaact	agatggggct	tg	232

<210> 25883

<211> 333

<212> DNA

<213> Homo sapiens

<400> 25883

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tcctctctgg	cmacgtagg	tgagggggtt	gcttttagctt	tggtatcct	cttcccttgg	180
ataccagag	atggtcatta	gtaataattt	tgtgtcttgg	ctggagatgg	aaacaattag	240
ccaacagaag	agaccagtct	tctagagttg	caatctggag	gacatctttt	gctttgaaaa	300
gatacaatta	agaatctgca	aacgatccgc	cgt			333

<210> 25884

<211> 131

<212> DNA

<213> Homo sapiens

<400> 25884

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gcttagtaaa	gttgtgttat	kttccaagat	gavaamtgc	rtatatttva	gartcatttr	120
tcaaggcg	c					131

<210> 25885

<211> 108

<212> DNA

<213> Homo sapiens

<400> 25885

taaaaataaa	gagattttcc	tgagagaact	gatttcaaat	tttgtctttg	tacagggttg	60
tttcttcaaa	cggaacctga	aggagaagat	ggaggctggc	agaggtgt		108

<210> 25886

<211> 146

<212> DNA

<213> Homo sapiens

<400> 25886

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tctctacca	gggcagacc	cactaa				146

<210> 25887

<211> 206

<212> DNA

<213> Homo sapiens

<400> 25887

ataagtgnnc	catgttagga	aagccatccc	ttcatcattt	aagaaaatgg	agcagcatgt	60
tatcttttac	ttagttgtag	aaaatcaaga	tcctctcata	ttatagcaag	gttttagaag	120
accctccara	aagtarrggt	atgtaactca	gtgcatagta	ttagataaag	ctatactctg	180
ctactgtact	taatttgrta	cttttt				206

<210> 25888

<211> 240

<212> DNA

<213> Homo sapiens

<400> 25888

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atcttttctc	cattatatatt	cctatgctcc	ttttcaaaaa	tcagttgact	gtatttatat	120
gggtctgttt	ctgggttctc	tattctgttt	cttcatctgt	ttgtctaate	ttttgcagat	180
atcacactac	cttaattgct	atagctttat	ggtaagtcct	gaaatcaggt	agtgttagtc	240

<210> 25889

<211> 142

<212> DNA

<213> Homo sapiens

<400> 25889

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ggagtttttc	aagtgtctca	atgaagggaa	taaatggaaa	gattatcaat	agctattcca	120
aatttttctt	tccaatgggc	cc				142

<210> 25890

<211> 100

<212> DNA

<213> Homo sapiens

<400> 25890

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<210> 25891

<211> 275

<212> DNA

<213> Homo sapiens

<400> 25891

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cttaacatgg	ctgatttggc	gcataatcag	ttgccctgca	gtgttgtgag	taacagtcag	180
tgataatgtt	tgcaattcca	taattcagca	gtctttcctt	ggcaccagat	gagagcagtc	240
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<210> 25892

<211> 307

<212> DNA

<213> Homo sapiens

<400> 25892
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 attcataaat aaatatctgt acttcttcga tcttcacctt ttgtgctgtg attcttcagt 180
 ttctaaacca gcactgtctg ggtccctaca atgtatcagg aagagctgag aatggtaagg 240
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 atctcat 307

<210> 25893
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 25893
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 aattgacata tgattgtctt ttattgacag aaacga 96

<210> 25894
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 25894
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 aaggagtcca attcatagcc taaaacttca aatgtattct taggagtcag attktamtga 120
 aatattttac ccac 134

<210> 25895
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 25895
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 gtagagacgg ggtttcgcca tgttgccag gctggcctcg aacgcctgac ctcaggatgat 120
 tcatccgcct tggcctccca aagtgtctggg attacaggcg tgaaccaccg cgcccgcact 180
 ct 182

<210> 25896
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 25896
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 tacttatata gaacattcta ttcaactgaa gcaagataca cattcttctc aagtgcccat 120
 ggaacattct tcaggataga tcatatgtta ggccacaaac aagtcttacc aaatttaaga 180
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 actgrga 247

<210> 25897
 <211> 182
 <212> DNA

<213> Homo sapiens

<400> 25897

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attgtacatt	tttgtttctg	agctaattga	aatcagcatg	tcgttaacac	tcgagcacat	180
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<210> 25898

<211> 182

<212> DNA

<213> Homo sapiens

<400> 25898

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tsrtccgsct	tggcctccca	aagtgcctgg	attacaggcg	tgaaccaccg	ykcccgwyct	180
ct						182

<210> 25899

<211> 183

<212> DNA

<213> Homo sapiens

<400> 25899

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ttcatccgcc	ttggcctccc	aaagtgcctg	gwttacaggc	gtgaaccacc	gcgcccgcac	180
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<210> 25900

<211> 199

<212> DNA

<213> Homo sapiens

<400> 25900

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ctcatctgaa	aagaaatggc	aagctttgcg	gggtggggag	gtgggagcac	ggaggacgaa	180
gcttgacgca	ggggctgtg					199

<210> 25901

<211> 146

<212> DNA

<213> Homo sapiens

<400> 25901

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agacgacacg	gccttggtgg	atggcgagat	ttaaggagaa	gcctgaggcc	ccgactgagc	120
agctggatgt	cgcgtgcggc	cgggtg				146

<210> 25902

<211> 386

<212> DNA

<213> Homo sapiens

<400> 25902

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ctgatcttac	aggtgaggtg	ctctattaat	tgtgccccat	tttcttcagg	attgatttta	180
atctctgagt	atagcataaa	tggcacatca	tgatttgact	tttgcccatt	ccatcttcat	240
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tttcctgcat	taatttttcc	tcatccatgt	gtcttcccac	acttgccttc	tatatggatt	360
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<210> 25903

<211> 100

<212> DNA

<213> Homo sapiens

<400> 25903

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<210> 25904

<211> 101

<212> DNA

<213> Homo sapiens

<400> 25904

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ccaatgtata	gtcttttatc	cctcaccct	cccgaccac	c		101

<210> 25905

<211> 193

<212> DNA

<213> Homo sapiens

<400> 25905

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gtctttgcat	ctctagcact	gctatagtgt	tctatcctta	gttatgaact	agataaataa	180
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<210> 25906

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25906

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aagtcaggaa	ctctaacttc	gctgctttca	ttgacatctt	tacatccaac	acttatgtga	120
tggttgtgat	gtctgatccg	tccattcgta	agttttaaact	tagctgacct	aggttcaaag	180
ccacatactc	tttaaacaat	tgtcccaga				209

<210> 25907

<211> 84

<212> DNA

<213> Homo sapiens

<400> 25907

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<210> 25908

<211> 488

<212> DNA

<213> Homo sapiens

<400> 25908

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gaaaccggca	gagtgtctct	aaaggaaatc	ctggagcagg	gcctgttttc	caaagtcacg	180
ctcattggcc	ggaggaagct	yatcttcgac	gaggaagctt	ataaaaaatg	gaatcaagaa	240
gtggtggact	ttgaaaagtt	ggatgactac	gcctctgcct	ttcaaggcca	tgatgttgga	300
ttctgttgcc	tgggtaccac	cagagggaaa	gctggggcgg	taaggaaggc	atatgtctct	360
ttcccttttt	gctggcabat	aatatcaagg	attcttttct	tgctcactct	ttttctttgt	420
gcctgttgcd	atgcttaaat	gtgaataagc	ctttattggt	taagattcta	tatgctgcac	480
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<210> 25909

<211> 250

<212> DNA

<213> Homo sapiens

<400> 25909

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actagagtaa	gttgagagkw	caaatcagyg	agtagtcaag	tcttcatata	atcaaagctt	180
ttaaaatatg	ataacaaaaa	cttcagggtg	tagatttagc	ttcacggaaa	accttttttt	240
ggggggcact						250

<210> 25910

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25910

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<210> 25911

<211> 256

<212> DNA

<213> Homo sapiens

<400> 25911

caccagcmvg	ctaaaggtaa	ctgattactt	ccgttttagtc	aactttgtct	cctttcccca	60
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atagtgttag	ctgttaactg	ctaataatgt	taactgcttt	atcaaaagct	tagaagatgc	180
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256

<210> 25912

<211> 136

<212> DNA

<213> Homo sapiens

<400> 25912

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ggcagctggg gcrcgt                                     136
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<210> 25913

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25913

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ggaatgggat	tckkgggtca	aatcgtagct	ctatgtttta	catttttgagg	aactgccata	180
ctattctgaa	g					191

<210> 25914

<211> 207

<212> DNA

<213> Homo sapiens

<400> 25914

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rgtttctaga	gaacaacagc	catcatcagc	atctgaaaga	caggcccttc	gagcacctca	180
gtcaccgaga	cgccaccaca	cccacca				207

<210> 25915

<211> 217

<212> DNA

<213> Homo sapiens

<400> 25915

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gtttaraaat	araaacactc	gtataccatg	agttaatctg	ggactatgcc	ccttcagat	180
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<210> 25916

<211> 249

<212> DNA

<213> Homo sapiens

<400> 25916

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acattataag	acatgaaact	ctaaaactcc	tggaagaaaa	caggaagaaa	tctccttggc	120
attggtctta	tcaatgactt	ttttggatat	gacacaaaaa	gcacaggcaa	caaaagcaaa	180

aataaagtgg gattatatga cactaaaaag cttctgcaca gcaaaggaaa tagtagacaa 240
agagcgact 249

<210> 25917
<211> 134
<212> DNA
<213> Homo sapiens

<400> 25917
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aaaagagggg tccc 134

<210> 25918
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25918
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tgggtgccttc tcgcacatta tctgtaacgc cccc 94

<210> 25919
<211> 95
<212> DNA
<213> Homo sapiens

<400> 25919
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tctccctcca gacaccctc ccaggctaac cctgc 95

<210> 25920
<211> 252
<212> DNA
<213> Homo sapiens

<400> 25920
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ctgaagttca tttccaagt cttctgggca gcaagagagg ggctttctct tgaagttttt 180
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atataaagga ga 252

<210> 25921
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25921
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ttcggccagg tggctccaag gagaggaagc agtgatgcat tgaggtaaga gagctgacag 120
atgaaaccac atggacccta agacagagtg gaagggt 157

<210> 25922

<211> 182
<212> DNA
<213> Homo sapiens

<400> 25922
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aagttaatct tggtcattgc tgaatttcta tcccctagat ggggactctg cacctgaggt 180
aa 182

<210> 25923
<211> 225
<212> DNA
<213> Homo sapiens

<400> 25923
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gctgggtgtg gtggctcacg cctgtaatcc cagcactttg ggaggccaag gcgggcggat 180
cacctgaggt cgaggattca agaccagcct gaccaacgtg gagga 225

<210> 25924
<211> 273
<212> DNA
<213> Homo sapiens

<400> 25924
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agaaggcctg gaaattatca ccagaccaac tcaaaattac aaagcttttc agagtttata 180
tcccttctaa gctatatgcc tacatgtaag tgtgcattca tctaaagaca tamgtgatta 240
aacwctttg aatctataac taaggctctga gtc 273

<210> 25925
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25925
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atggcagttt ggggaagtat taattagtgg ctgacccttt tgtagtgtta aatgttctgt 120
ctgactgtgt ggcttcaggt aggtctctta actttgttaa gctccagctt ctttaactga 180
aattgggagt taagagtagt gtgtattcca cggggggata 220

<210> 25926
<211> 233
<212> DNA
<213> Homo sapiens

<400> 25926
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cagacgcatg kscttctggg agtcacacaa aagcagagag attttgaact gaggggagac 120
agctttgcct taaatgcagt atgacaggcg cttcttgga gaccagtaaa aacaaaagcc 180
catagacctt actcatccca aggmcgacaa gccagctgta magggcgarc cga 233

<210> 25927
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 25927
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 attccccact agaatgtttg ctgatcgag atctctatgg atataattca tgcgctcgat 180
 gtaagccatt cctgcagcca cctgtggaaa cccagggaac aggacatgtt acaccacgac 240
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<210> 25928
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 25928
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 ttgacccagg gtctccccag cttgcagctc tgtagccacc cttctgctct ctgcttctgt 120
 gagttcagtt ttttaagatt ccatatataa gtgagatcat acagtatttg tctttctgtg 180
 cmwggcgat 189

<210> 25929
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 <212> DNA
 <213> Homo sapiens

<400> 25929
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 ggaataaata ttttgcatca gtttgattg tttgtgttaa gaagtatatt ttttttaaaa 120
 ttagatgagt ggattctttt ttaggggaaa tattttttaga agttgggggc taa 173

<210> 25930
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 25930
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 tctatgtaga atggatgctt aaactataat ttgtagaagc tgaaatggaa aatgggcctg 180
 aggtgtttcc tggttaattag ctgtcctgcc tttccatggc tggttgctta gaaatgacag 240
 tttgtgccac tctgcgaaat tmcmtgamtg caaagcaccc amtcamtgca ggagaccaca 300
 cgttgctttg tgaatcagtg ggggttgggg cagcaghtg ttttttttc tcagctttga 360
 tttgttggtta attgagcaag cwgttaattgt agacgt 396

<210> 25931
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25931
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tcacacacac 130

<210> 25932
<211> 145
<212> DNA
<213> Homo sapiens

<400> 25932
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cccaatacta taaagagggt tgccacatt ttattccaaa agttttaagt tttgtctttc 120
atcttgaagt ctaatgtatc aggaa 145

<210> 25933
<211> 278
<212> DNA
<213> Homo sapiens

<400> 25933
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atggcacctc atttggcttt gtgaattgtc acctcacctc gggaaatgag aagacggctc 120
ggtgaggggg cgctttccca tggkctcttt acaccatcc cattcacctg aggcctgttc 180
ccgtcccat accctagccc atgacctcc cgcaggcctg tctccagaga cccctgctc 240
tcttatccca attcaagacc cttctgttcc tgaccac 278

<210> 25934
<211> 250
<212> DNA
<213> Homo sapiens

<400> 25934
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ggagaggatg ggcaggcatt taaaagtac catttttgtg gttgtttgga gcagggatgt 120
acaaaataat tttaattgat taactcatac tgccctgtctt ttatagggga aaaaaataac 180
cttttttatt ttaaagttat aagggtttta ctttttagtt gcttggatga cagggaatta 240
gcctagcccc 250

<210> 25935
<211> 292
<212> DNA
<213> Homo sapiens

<400> 25935
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cactctagca tatttgtcta ggcaaagatt ttatggctaa gaccctaaaa gcacaggctg 120
caaaacaaaa aatagacaaa tgggattatg ttaagctaaa aagcttctgc acagcaaagt 180
aaacaacaaa gtgaagagag aaccggttga atgggagaaa atatttgcaa aatatctgtc 240
tggtgacaag rractaatat ccataatata caattccaac aactcaacag cc 292

<210> 25936
<211> 253
<212> DNA

004220 "666E1550"

<213> Homo sapiens

<400> 25936

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aaaatttagcc	aggcatggtg	gcacatgcct	gtggtctcag	ctacttggga	ggctgaggca	120
ggagaatcat	ttgagcccag	gaggtcaagg	ctgcagtgag	ctttgatcac	accactgcac	180
tccagcctgg	gcaacagagc	aagaccccat	cctccacccc	cccaaaaaat	agaaagawaa	240
aaaaagtttg	cnr					253

<210> 25937

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25937

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<210> 25938

<211> 129

<212> DNA

<213> Homo sapiens

<400> 25938

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acaaacctt						129

<210> 25939

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25939

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gggaggcaaa	agacacttct	tacattgtgg	caagaaaaaa	tgaggaagaa	gcaaaaagcag	180
aaaccctga	t					191

<210> 25940

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25940

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tattgaatga	aaggggctca	gtatgggtca	ctgaggaaca	ccaagaaggt	agctacctta	120
gatggcatat	tgggaactgc	ttccttgtgt	cctagagaga	atacaaaacc	cacagctggg	180
aacatatgtc	t					191

<210> 25941

<211> 143

<212> DNA

<213> Homo sapiens

<400> 25941

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gcagaccgca gtgcccttgg cagtgcctat gagacggagt attgtcataa gaaatgagtt 120
gtcgaacat cgtttgcct cag 143

<210> 25942

<211> 242

<212> DNA

<213> Homo sapiens

<400> 25942

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ctggagtcgg aagactarac agcgggctgc caaggagggt cactgtgatg caggactgag 180
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tc 242

<210> 25943

<211> 94

<212> DNA

<213> Homo sapiens

<400> 25943

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atattattat ttgcaattta attgagaagg ggat 94

<210> 25944

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25944

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aatattctgc ttggccaaca acttacggtg ccttcagtta tttaatatat aatcagatat 120
tcaaagggtt aaaacaatat tttcatctta gtttataaat atgaggccc 169

<210> 25945

<211> 203

<212> DNA

<213> Homo sapiens

<400> 25945

ttcttgctaa actggatgtt ttgtttgtt actattttta gaaagctctt catttcatag 60
ttttaactgg ttattgctgt tatgtaggga tggctcttgc ttattaatat aaaattttta 120
tgagacaca taaagagaaa agtgcaccac tataaattca tgcccttcag tgaattttct 180
ttaagtaa acatccacat gtc 203

<210> 25946

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25946

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accacctcat ggagaccccc gcggccgccg cccccgctgg gagcttattc cctccttcc 120
tgctcctggc ctgcgggacg cctct 145

<210> 25947
<211> 251
<212> DNA
<213> Homo sapiens

<400> 25947
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caaccaagaa tgaatctcgc tgtgttgctc aggtctggagt gcagtggcac catctcggct 120
cactgcaacc tctggctccc aggttcaagc gattctcctg cctcagcccc ctgagtagct 180
gggattacag gcacgcgcca ccactcccag atcttcactt caggtcagct ccaaggaggc 240
tattccttgcc c 251

<210> 25948
<211> 253
<212> DNA
<213> Homo sapiens

<400> 25948
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ctccgcagtg catctcaccg gacaaacatc cccggagcca caggagggga ggaaggggct 120
ctccgggctg gcgcacctcc ccagccgccg cgctgtccca tccccgacct ctaatctggt 180
caacctggac cccggcactg ctgaattgca tcccctcttc tccccttctc ctccggcctcc 240
tcccttccac aaa 253

<210> 25949
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25949
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gaaaatgttc atctcaaaaa gtcacatact gtatgattcc attgacatca catcctttta 120
gagatgaaac tgtagagatg gagagcaa 148

<210> 25950
<211> 318
<212> DNA
<213> Homo sapiens

<400> 25950
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tgaagaccag cgtcctcagt tagatcctta tcagattctt ggaccaacaa gtagccgcct 120
tgcaaatcca ggcagtggcc agatccagct ttggcagttc ctccctggagc tcctgtcggg 180
cagctccaac tccagctgca tcacctggga aggcaccaac ggggagttca agatgacgga 240
tcccgcagag gtggcccgcc gctggggaga gcggaagagc aaaccaaca tgaactacga 300
taagctcagc cgcggccc 318

<210> 25951
<211> 93
<212> DNA

004220" 666E560

<213> Homo sapiens

<400> 25951

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tagaaacaaa tcacaaagac ttttaaggagt tga	93

<210> 25952

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25952

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mcggtcattc attcttgcaa caage	145

<210> 25953

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25953

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tcaaagaacc agatttttgt ttcatatttc ttgtgtattt ttgtgttttg ttttaatttc	180
atttagttct gctcga	196

<210> 25954

<211> 179

<212> DNA

<213> Homo sapiens

<400> 25954

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taagggaaga tggctttcca gtgactagat tgcttgcatc atttgggtctc tgccagataa	120
taaagtttct ataaaaatata cttagtcatt agaagatttc taagtgaaca tgatcaagt	179

<210> 25955

<211> 389

<212> DNA

<213> Homo sapiens

<400> 25955

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ctcagcctg taatcccagc actttgggag gccgaagtgg gtggatcact tgaggccagg	180
agtttgagac cagcctggcc aacatggtga aaccccatct ctatcagaaa tacaaaaaat	240
tagctgggagc tgggtggtgg cgctgtaat cccagttact cgggaggctg aggcaggaga	300
atcacttgaa cccgggagc agaggttgag gtgagccaag agcgcacatc tgcaactccag	360
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<210> 25956

<211> 363

<212> DNA

<213> Homo sapiens

<400> 25956

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aaaatgttct	ccactgagac	aaaatcctta	aatttttaga	atggccttat	tatggattac	120
agcaaacatc	tcagcacatc	tttctcagca	aggatctcaa	aacagcattg	ggatggcctt	180
attaatagat	cccttacgaa	aactcagaaa	agttagagag	gcactcagaa	tcttcctaaa	240
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<210> 25957

<211> 235

<212> DNA

<213> Homo sapiens

<400> 25957

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accatcataa	acatgttggt	attgcattat	gcttctagag	gagacatcca	ccaatatttg	180
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<210> 25958

<211> 172

<212> DNA

<213> Homo sapiens

<400> 25958

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ggagtctgtt	gttcttttaa	gagtactgaa	ttttcttttg	ttgtacacta	aagtgacctg	120
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<210> 25959

<211> 266

<212> DNA

<213> Homo sapiens

<400> 25959

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tggttgctgca	gaagacatga	tttcattctt	tttttatggc	tgaatcgtat	gccattgtat	180
atatgtacta	cattttcttt	atccagtcac	ccattgacgg	atatttaggt	tgattctata	240
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<210> 25960

<211> 134

<212> DNA

<213> Homo sapiens

<400> 25960

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gaaacactgt	tttc					134

<210> 25961
<211> 322
<212> DNA
<213> Homo sapiens

<400> 25961
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ttagggaggt ctggttagagg taactccctg gaagaggctg ctgctgagaa ctgcctgaaa 180
ctcccaacttc ctctgtgact gcagggtttcc aaccacaagc accaaagcag aggggcaggc 240
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caagtgtctaa atgacgccgc cg 322

<210> 25962
<211> 108
<212> DNA
<213> Homo sapiens

<400> 25962
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cgggatgtcc aggamatttt tcgcatgacc ccccatgaga agcmggtc 108

<210> 25963
<211> 224
<212> DNA
<213> Homo sapiens

<400> 25963
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taacaataaaa aagtaacctt tgtcaaaagc acaaagattt tccctatcag cacatgtaga 180
tcattgtttt taacagctac tactattcta tgctatggct gctc 224

<210> 25964
<211> 230
<212> DNA
<213> Homo sapiens

<400> 25964
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actcctgggc tcaaaaagatc ctcactctct caagtgggtg aatatacacg ctccagcgac 180
catgcctggc tgaatgaaga gctttgagat tttgaagaaa caggaacgct 230

<210> 25965
<211> 271
<212> DNA
<213> Homo sapiens

<400> 25965
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aaaccaggtc ttaactccat catcctaact acctgtcag cactcacttt kgtttaacact 180
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tctctcacc ccaacccact ccaacccacc c 271

<210> 25966
<211> 104
<212> DNA
<213> Homo sapiens

<400> 25966
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<210> 25967
<211> 402
<212> DNA
<213> Homo sapiens

<400> 25967
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ggcccaatct cggcttactg ctaccttggc ctcccgtttc aagtagttct cccacctcag 180
cctcccggtt agctgggacc acaggcatgc accaccatgc ccagctaatt tttgtatttt 240
gggagagacg tgatgtcacc attttgccca ggctgggtctt gaactcctga gctcaagcca 300
tstgcccacc tcggccttcc aaagtgtctg gatttcaggc gtgagcacca cacctgggtc 360
agtttccctt attattaaca tcnacattag aatggtacat tt 402

<210> 25968
<211> 92
<212> DNA
<213> Homo sapiens

<400> 25968
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cagtttcttc atctcaagaa taatgaccac ac 92

<210> 25969
<211> 129
<212> DNA
<213> Homo sapiens

<400> 25969
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tccttttagt ggaggatgat atttaaaaac taagcacttg gtgtgctcat tgcttctgtg 120
tgctattac 129

<210> 25970
<211> 436
<212> DNA
<213> Homo sapiens

<400> 25970
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catttaaaaa gttaaaagct tatgcatgtg atgttggtat tgctgctaata gactaggcat 180
ctagagggtca aaacctagag ctaaggatat tgaaccctgt gttttgtctc gttttaagtc 240

tagttttttg	tggakkggg	aacataccta	gccagcttgc	ttgcagaagg	catgagtgag	300
caggctgaag	gagggaccca	aggccagaac	gtcctccata	ttctagctcc	atgggctctt	360
tcacttgatc	cctgctttat	gacccaamtt	ctgttgaagg	atttgccaga	tartgtttgg	420
ggcaggaaca	gctgtt					436

<210> 25971
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 25971						
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tgatgaagca	gacagattga	ggcacagatt	ttagtggctt	tgtagcaata	aatagggcat	120
ggtgtgcctt	aggaaaagaa	tgtttataaa	gggaattata	actgaaatta	aaggaggcg	179

<210> 25972
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 25972						
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ttacataggt	atatgtgtgc	tatggtggtt	tgctgtacct	atcagcccat	catctagggt	120
tttagccctg	catgcatagc	tatttgtctg	agtgctctcc	ctccccttgc	ccccgc	177

<210> 25973
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 25973						
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<210> 25974
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 25974						
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caaccctgat	ctccggagaa	ctgagcccat	cttgagagac	cccttgacga	ggaccagcag	180
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<210> 25975
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 25975						
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ttgttgtgct	gtgcccttga	aatctctttt	actctagagc	agtcccc		107

<210> 25976
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25976
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 ttttggttt gtgtgtctat ttcctgtaaa accctttgaa gtattttctt aatttttgaa 120
 ctgcaatatt gaaaaatctg gaggatt 147

<210> 25977
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 25977
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 atttcacttt gccccctgcc tttaccctaa gcctcagttt cctcttctgt gagatgggta 120
 gattgagaat ctagaatctc taccaattct aataattcat aagtgtgaaga tttcaggttt 180
 ctatctagga atctgtgaaga gtcaaacatt tgccaccgcg 220

<210> 25978
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 25978
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 ggataaacia aatttagcat atccaaatca tagaatatta ctgagccata aaaaggratg 180
 aagtactgat acatgctaca acacaaatga ccttgacagc attatacgat aatgtgaaag 240
 aagccac 247

<210> 25979
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 25979
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 acctcacagt cttccatagt actgtcctca cctcagatgc cagctgcaag tcttgggagt 120
 cccccggcta cctgcaggtc agccagctaa cagcaataaa ttaaggggtt tccaaggtct 180
 caggttcaat aatttgtag aatgactcat agaaatcagg aaagctctgt atttaaagct 240
 acagttttat taggatacat atttgagcaa gatctggaac tggacagttt ccatgccctc 300
 aacc 304

<210> 25980
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 25980
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 gaatgttctt ctctgctaac ccaaaggaat tgaaaggaa cactcattca cttctagacg 120

acaaaaatgca aaaaaggagg ccaaagactt ttggaatgga tatgaaagca tacctgagat 180

<210> 25981

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25981

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atctaaatca acaaaatccc gaagttaggt ctttccccc tccatgtcag cagtctctgt 120
gttgtccacc agatgtcagt agcacggc 149

<210> 25982

<211> 273

<212> DNA

<213> Homo sapiens

<400> 25982

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tgagagtatg ctaagacttt gatcttgctt tcagaaagg atcatttatac tttgcattcc 180
ccagataccc agtgtactct gtccctggca gattaagctt gataaatggc aaataaagtc 240
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<210> 25983

<211> 340

<212> DNA

<213> Homo sapiens

<400> 25983

caatggnygc agaccatttt gctcctaaga ccaccctccc tccaccctt ggcagtggct 60
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tcagatggtg actttcattc attgcattca atcatgcagc ccaccaaccc tttgttatct 180
gcctgcaagg tttattccgg tcagtttgag tagtaagttg ctataaccat attatgtgtt 240
aatagagttg ttcattgatt tgaagattaa acaagggtact ggagtcctac tttatgtaag 300
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<210> 25984

<211> 279

<212> DNA

<213> Homo sapiens

<400> 25984

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tggmcmatma rgcagtctat ccgaggcaga actccttatac tgaggaattt agaagtattt 180
agamttccct gttatctaaa gctggcctgt ggttcaggc ttctttcccc aaaatgtatr 240
agtaactaga gtttttgtat atctccagaa tgcattgcct 279

<210> 25985

<211> 157

<212> DNA

<213> Homo sapiens

<400> 25985

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aaattcttg	agatttatta	atggggaaat	cggtgtctt	gtdtctmwgt	ggtttgattt	120
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<210> 25986

<211> 163

<212> DNA

<213> Homo sapiens

<400> 25986

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gttcactttg	agttaatttc	acttattttt	tgtgggaggt	gaaaggtcag	tgtctagatt	120
cactttttgc	atatccagct	gaatatccag	ctattccagc	agc		163

<210> 25987

<211> 319

<212> DNA

<213> Homo sapiens

<400> 25987

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cagacctggg	ctttcagctt	tgggaccagg	ctgccc aaag	gtactccttt	atacaccgg	180
caccttcac	gaaagatgg	acttcccaag	caagccccta	tgatttgtca	ctatagatgg	240
aaccttgact	tctgccccat	cccttcctgc	ccaamctaga	accaggcct	caagtcttta	300
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<210> 25988

<211> 241

<212> DNA

<213> Homo sapiens

<400> 25988

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tgcaaatata	tgtttctagt	ttggcatttg	tattttgact	ttgtttatgg	tattttttct	180
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g						241

<210> 25989

<211> 201

<212> DNA

<213> Homo sapiens

<400> 25989

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gggtctcact	ctatcgcta	ggctggagtg	cagtggcgta	atcacggttc	actgcagcct	120
tgacctccct	agttcaaag	atcctcccac	ctcaccctcc	cgagtggctg	ggattacaga	180
catgcaccac	cacgcccttt	t				201

<210> 25990

<211> 153

<212> DNA

<213> Homo sapiens

<400> 25990

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cagccacata gtgctaaatc ctaggaacac aaataaagaa ctctgttctg tgttcaagct	120
acttccagac taaattactc ttttgagcat tct	153

<210> 25991

<211> 178

<212> DNA

<213> Homo sapiens

<400> 25991

attgaaggaa gagaggtaga aagattctgt cgtctataag gaacttaaata taacgagcaa	60
gaaacaatcc agttgaaaag agggcaaagg acatgaacag acacttttca aaagaagata	120
catacgtggc caacaagcat atgaaaaaat tctcataatc actaatcact agagagat	178

<210> 25992

<211> 441

<212> DNA

<213> Homo sapiens

<400> 25992

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tcagtggaaa accagaattt aagcttcatt ctatcttatt catttattac ttcctattta	120
ttataactta ttattcctta tcacattttt attatttata acccaaaaaa tgtgtcaaac	180
ttgtttctaa tctccaagcg aggagtttgt ttttttcttt tttctttcaa aagtcaactg	240
tagcgataaa attttggtca gttgtgggtt tttattagtt agatttctgc aatggagatt	300
ttattgttgg tttaaaaatg cttgcaagta tattcatgta tatgtttctt gctgtttttc	360
tcaagcttga agcatagata gatagataga tagatagata gatagatgga tagatagagg	420
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<210> 25993

<211> 221

<212> DNA

<213> Homo sapiens

<400> 25993

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ttcttctgga gaagagaagc ccagcaagtg aatgaatttc ccccaaacag cakggaggta	180
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<210> 25994

<211> 237

<212> DNA

<213> Homo sapiens

<400> 25994

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gccatcgggc ctggcccagc cttttcaact catgagaaat gaagagctgg gaggggctgt	180
cccattgtcaa aggaactaag gcaccaccaa gcaccaccac acgcatcacg gggacat	237

<210> 25995
<211> 405
<212> DNA
<213> Homo sapiens

<400> 25995
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gctgccagba gatgaggctg acacacagtt gctacaggat gcggcaagga aggaagccct 360
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<210> 25996
<211> 461
<212> DNA
<213> Homo sapiens

<400> 25996
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cgcttcaactg ccccggtctg tccaagggt caggaagatg gattcatacc tgcctgatgtg 180
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ccacggggac cccagtttat gcctcactgt tccttgggtc gtcaagagag cctgaaatag 420
cattaggttc tcctgtcctt ctcagtcctt gacaattaat t 461

<210> 25997
<211> 364
<212> DNA
<213> Homo sapiens

<400> 25997
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agtcacgaca gtaggtgtgg cagcaggcct gctggctgcc gcaagccttg tggggatcct 180
gctggccaga agcaagcggg aaaggcaata aatccaagaa attgtcccaa caaccaccaa 240
ttcttacgga ggaatattat ttagccagca ggagtggagt ttggtttact gattttactg 300
ttttgtgttc atgaatcttt attttaatgg agttaaagc mcaggaaaat gtatttggaa 360
atgc 364

<210> 25998
<211> 156
<212> DNA
<213> Homo sapiens

<400> 25998
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tattgaaaat tatttttttaa gtgataatac ctagtggttg aaggggtgta tgcacaggat 120
aatacctagt gttcgaaggg gtgaacacac ctggac 156

<210> 25999

<211> 343
 <212> DNA
 <213> Homo sapiens

<400> 25999
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 tgatggctgt ttccaatctt ggagtgtgtg tcaccttgtc agggcccgtc tggcgtcaag 180
 tacaagagta ggagtaggct ggggtgtggg gctcacacct gtaatcccag cgctttggga 240
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 aggtcttcta actacaggwa acacaaaaat tagctgggct aca 343

<210> 26000
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 26000
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 aagtgaggcg taaccgcaca gtaatttcaa aaccattcgc ctcgaccggc ctt 173

<210> 26001
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 <212> DNA
 <213> Homo sapiens

<400> 26001
 aatcttgctg tgtttgagta gtcttcagtt ctgtgagaca taggtcatatc gtggcgagtt 60
 cagctttgaa gcttgccttc tgaaactggg aacctggatg gctttgtagc tttgctgttg 120
 ttgaatgaat ttgtttaga ttttgcctta aaaaggggga caattagtaa cacaagactt 180
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<210> 26002
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 26002
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 gcattcaaca gtctcagggt accagagtaa atccacattt accttttgaa gtactaattt 120
 ttcccactga acattcacca acaggactca ttattcaggg acataattta attgaattgt 180
 gttttctccc acacagctct ttacgtacac taactatcta gatcarattt ctaccttaat 240
 tggtcaggct cgttctcgtc tccttogtct ttcaggaaca gaggctcara aaaatcgttg 300
 ttccccttac ccgattacra gttcaacagg ctttgcctact tgcattgctt ggcaagtgc 360
 tttggcacgt ttcccaggta taattgataa tcactatcct catgta 406

<210> 26003
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 26003
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 agggtcgggg gacacgcagg atgagccccg cgaccactgg cacattcttg ctgacagtgt 180
 acagtatttt ctccaaggta cactccgata ggaatgtata cccatcagca ggtgtcctct 240
 ttgttcatgt tttggaaaga gaatatttta agggggaatt tccaccttac caaaaacctg 300
 gcgagattgg taatgatccc ataacattta atacaaattt aatgggttac ccagaccgac 360
 cang 364

<210> 26004
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 26004
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 gcattttcac tcctgtctta ctgtcactta ctcttttttt tccccaccc aaagcagagt 180
 ttactcttg ttgcctaggc tggagtacaa tggagtgatc tctgctcact gcagcctccg 240
 cctcccgggt tcaggcaatt ctcttgctt agcctcctga atagctaaga ttacaggcat 300
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 caaactcctc agctcaggtg atccactcac cctgtctct 399

<210> 26005
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26005
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 gcgcgccg 128

<210> 26006
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 26006
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 ggctctggtt ggccgtggtg ggagttgcaa ttgcccttct ttccagtaac ttctgtggc 120
 atgagttgat ttgtctttc aagcatgaaa aacttctttt cagctcttcc cattggaaaa 180
 caattactaa cattgctc cat 203

<210> 26007
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 26007
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 ggcggtgacg cgggcttaca ccgcagcctg tgcctcacc accgccgcgg tgcagctgga 120
 gctcctcagc ccctttcaac tctacttcaa cccgctc 157

<210> 26008
 <211> 473

<212> DNA

<213> Homo sapiens

<400> 26008

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gtcctttggg	gaagggtgag	tgctggcaga	atttaattat	agacagatgc	attagtcttc	180
tgctcctgct	gtaaaaagaa	aaaaaaaaagc	cacaaactta	gtgggtttaaa	taaacagaaa	240
tttatcatcg	taaagttctg	gagggtcagag	tgagttgagg	cgagcctgca	ggactgtggt	300
ccctctgcag	gctgtagggg	wggacgtgtt	tccttgccct	ctccactggt	aaaggccacc	360
cacatttstc	astgggggcc	ccttcgtctg	tcttgaaagc	acatcattcc	agcctctact	420
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<210> 26009

<211> 204

<212> DNA

<213> Homo sapiens

<400> 26009

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ggagacttgt	tcacacagca	gcagctggag	gtgctggacc	gcgtgtttga	gaggcagcac	180
tactcagaca	tcttcaccac	actg				204

<210> 26010

<211> 219

<212> DNA

<213> Homo sapiens

<400> 26010

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ctcattattt	catatgtgat	ttgcaaatat	tttatcccag	tttgtgggtt	gttgctttac	120
tcaattgwtt	cctttgckgt	gtagttaact	ttttagtttg	atgcaatccc	attttaaatt	180
aaaatttttg	ttttagttgt	ctgcgctttt	ggaggccat			219

<210> 26011

<211> 202

<212> DNA

<213> Homo sapiens

<400> 26011

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tattattctt	tattccactg	agatgtttgg	gtggagagaa	gcaaaaatct	ggcctamgtg	120
macgtccagg	catagtacct	ccccttgaac	ttatttgtga	cacagattcc	tttgctcaca	180
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<210> 26012

<211> 115

<212> DNA

<213> Homo sapiens

<400> 26012

aagcgggtctt	actgtaccgc	cgtgtgcatt	ccctcatacg	gtcaggagtt	atgactcatt	60
ttgaagatgt	aattcttgtc	tctctgatcc	cctcgcgggg	gcaacacacc	aaaca	115

<210> 26013
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 26013
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 atatcatgta tttttatgct caaattactg cagacttggc ctttgaaagg aaccccttca 120
 aactgcagcc ttgatgtcct gggctccagc aatccccttg tcacagccca 170

<210> 26014
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 26014
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 ttgctggaat aacaggattc agggagagcc aaaaggccat aaggttgaag ctatgcaaag 120
 ggtasmatta gaattccaga 140

<210> 26015
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 26015
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 ctagatccag cagagttggt tctttctgag gtctgcaagg aagggcytgt tccatgcctc 120
 tctccttggc ttgtagaagg catcttgctc ctatgactct tcacattgtc tttatgtaca 180
 tctctgtgcc caacgaa 197

<210> 26016
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 26016
 tgctgtggt cccagctgct caggaggctg aggcaggagg attgcttgaa cccgggaggc 60
 ggaggttgca gtgggccgag attgtgccac tgcaactccag cctggcga 108

<210> 26017
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 26017
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 tctggagctc atggtattgg tgatgtggaa acagctgtaa aatttgcaac tcagcttatt 120
 gacctgggag cagacattag tttgcggagg cgc 153

<210> 26018
 <211> 166
 <212> DNA

<213> Homo sapiens

<400> 26018

accagggaga	tcctctttta	tgacattggg	cctttatgga	atcaggcmac	ggacagccaa	60
gacgtagatc	catccaagac	ttgactgtaa	ctggaacaga	acctgggcag	gtgagcagta	120
ggtcatccag	tcccagtgtc	agaatgatta	ctacctcagg	accgtg		166

<210> 26019

<211> 158

<212> DNA

<213> Homo sapiens

<400> 26019

gattcartag	actctgaggt	tttccaagta	cattaaggac	ttaaatacag	aatgtcttaa	60
aatttttaggg	ctattgatca	agagaaagct	tctcgrggaa	taaagttctg	ttaggtttta	120
gccctattct	gctttcaaaa	ttcttaactg	gatgccgg			158

<210> 26020

<211> 225

<212> DNA

<213> Homo sapiens

<400> 26020

aattgamsgt	tgaagatggt	tgccaaaggc	agtaaattgt	attatcctga	gttataaatg	60
cagggagcca	tgggagttgg	gaggtgatgt	cttgtgaaat	catgcggast	actgcataat	120
gttcaggcca	tgagtgttat	ttatagattg	ttggtttcga	aagtatcttt	agckktgaaa	180
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<210> 26021

<211> 293

<212> DNA

<213> Homo sapiens

<400> 26021

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ctaaaggcat	ttcacttttg	acctttatct	gaaacttggt	gctgactatt	gctgggtaat	120
aggcaccaav	tgtgcatttt	tggtgtgtct	gaaaatcttg	atgtgctgtt	cggcacagat	180
ggagcaaaca	cgcagcaaac	taaggaccgt	cagtggcttc	ccattggctc	attgaacaag	240
ttaacaccac	tgcagtattt	tagttatttt	aaaaactaac	tttaaagaac	ccc	293

<210> 26022

<211> 219

<212> DNA

<213> Homo sapiens

<400> 26022

caatccaaat	aacattctas	tgartctccc	ctgattgctt	acttttaaact	caaagraaat	60
ataatcaagg	gaggacaaag	cacaagtata	atgaaagcag	gaagaaaatt	tccttttatg	120
ctcttgcatg	taattatata	gcaarrraca	gctttctccc	acctgctctc	cacctcagct	180
tcttaactag	gcaaactcct	acttgctctc	caagaaccc			219

<210> 26023

<211> 254

<212> DNA

<213> Homo sapiens

<400> 26023

gagagcmcga agtggtacat atggcagaaa ataaatgtct ctgattactt tgctaccttt	60
aaaaaaatct atatgtgttt gcaaaacagc ctagggggat ctaccaccta cacagcatga	120
attattcata agtcataggt gcacatgtat gagcaagtta tttttgagaa agaaactgcc	180
tataatataa taaacctgtc aggtcttttg gtattgttta atttgtgtgt tgttgctgtt	240
ttatctggac caga	254

<210> 26024

<211> 273

<212> DNA

<213> Homo sapiens

<400> 26024

tagagtaact actatatatt taattgtttg aatataccat agtttgtcca ttcttctatg	60
caagaacatt taatttgctt ttaggttttt gctgttacac acaaagctac aataagcaca	120
tcttcttctt gcacacctcc caccctagt tgccattttt ctatacagca aaaatactct	180
tggaaaatta taaatggtgt cacaaagaca ctgagttaac cacggctagc gagggtttag	240
acacctctgt gatcagagct catgacccgg gct	273

<210> 26025

<211> 186

<212> DNA

<213> Homo sapiens

<400> 26025

ataatatattg gaagtatttc attactaaca atctcagtac aacatgaaaa ttgttgcttc	60
tcatctaaaa tacaattttg tctatcagaa taaacacaag tgaaattttc acctacatta	120
acattatgtc tttgcagctt taggtttgtt agatgtgttc ttaagcataa tttttagcca	180
caaacc	186

<210> 26026

<211> 109

<212> DNA

<213> Homo sapiens

<400> 26026

taccgcaa at taaatctgtc taaatcaaaa ctcatctctt ttctttccaa actgctcttt	60
gctctagaga tagatccctg tatcagttaa tattattatc ctctcacac	109

<210> 26027

<211> 237

<212> DNA

<213> Homo sapiens

<400> 26027

aattttttgt attcttttag tacagacagg gtttcacat gttagccagg atggtctcga	60
tctcctgacc tcgtgatcca cctgcctcag cctcccaaag tgctgggatt acaggcgtra	120
gccatcgggc ctggcccarc cttttmaact catgagaaat gaagagctgg gaggggctgt	180
cccatgtcaa aggaactaag gcaccaccaa gcaccaccac acgcatcacg gggacat	237

<210> 26028

<211> 229

<212> DNA

<213> Homo sapiens

<400> 26028

accaaagat	gtatgtarr	tagttaataa	tttttgatgt	ttgcaatccc	caaattgggt	60
agattgtccg	tcattgcaaa	cgagtatata	ccactaattg	tatgcagtca	cattcccctc	120
ttcgttctgc	tccttcttat	tggtattttt	agagawaaat	acaaataacc	taatctgcta	180
aatactgtaa	ctccattctc	actgtkacat	tttgtaaatac	actccaact		229

<210> 26029

<211> 201

<212> DNA

<213> Homo sapiens

<400> 26029

aacagtgatt	ttttcttttg	taggaacctc	catattttaag	aattcccagt	agctactttt	60
tacccartat	ggcaggcatt	acattcatgc	cttaggatak	rttatagtga	ttgagtttct	120
gtttctaaac	atttttgatg	gaaagaatga	gtataagagg	cagttccttt	ttgcagctcc	180
acgccagggg	accagggtaa	t				201

<210> 26030

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26030

actagtggct	ctgttgcatr	aacaccttcc	tggccaccca	tatgtccgca	gaagcgcaag	60
aagtttctctg	ataggcttgc	tgaagatgaa	ggggacagtg	agccagaggc	cgtwggacag	120
tccasggggac	gaagacagaa	gaagtagaga	ca			152

<210> 26031

<211> 196

<212> DNA

<213> Homo sapiens

<400> 26031

aaaaagaata	tttctatagt	ttgtaaaaag	ttttcatgta	tatcatttaa	tagttagaag	60
aactttacaa	gtttcaagtt	tcaamtgaga	aaattgatat	tcagagaggt	tccaaggacc	120
agaaccatca	ttaacttgta	aaaggcagag	tcctaagccc	agtatttgct	tctacttcac	180
tgtttgtggt	gtgcag					196

<210> 26032

<211> 56

<212> DNA

<213> Homo sapiens

<400> 26032

gtgtgtgtgt	taatttctac	atatttgatga	atgtcccaaa	ttttcttttt	tttttt	56
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<210> 26033

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26033

aaagganctc ccgtctgtaa aatgcccgc acgtggggct ttcgtcagta gattccccctt 60
ccccacgagc cagagtcctc cagccagctg gcaggagcg ctccatctt aaacactttt 120
tttttgaggt ctgtttgtaa accactgcgt acg 153

<210> 26034

<211> 141

<212> DNA

<213> Homo sapiens

<400> 26034

aagagcagtt tcagtaaaat caaaaagcca gatttttagta ggctgaatga atgtgtggta 60
agaaagtga gacagcataa accgctgtt gactgtgaag atgggagaaa ttggtgggtt 120
acmaaaawaa gccactagtt c 141

<210> 26035

<211> 224

<212> DNA

<213> Homo sapiens

<400> 26035

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ttgttgccct atctattgta tagctttctc atagtgaaga ttcccgctta atttttagct 120
gggtgcttga gtagtcatac tgagcttctt aatataatc ccttttaact taaagggtgt 180
cacactatgt atgttttttt tctattttca cacttaccga cctc 224

<210> 26036

<211> 304

<212> DNA

<213> Homo sapiens

<400> 26036

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tttcttactg gtcttttttc aaagctttta aaagctttt ttccagagca taagtgaag 120
atgcttctgt tctatatggt atacacatga tggtaaacac ctttgctttt tttcctagtt 180
tcattgagaa gcagattcag atttaattta ttcagaattt agatcgggat gtatgtttat 240
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tgca 304

<210> 26037

<211> 226

<212> DNA

<213> Homo sapiens

<400> 26037

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ggctctgggt cctgcttctg cccaggggct ccaggggtgt gtgcargct ggcacatag 120
gaagtccctc ggcaactggc atgtgtaccc agcgggctcc ctgtgagtgt gcaccctgtt 180
acctcgtgag ctcamtgagg ctcacatggc ttgttaccat cccgct 226

<210> 26038

<211> 126

<212> DNA

<213> Homo sapiens

<400> 26038

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gggtagtccm wggtcgcmwc cgctcttcgc ccaaaagggg atgcagctcc gggaaacaag 120
tgaatt 126

<210> 26039

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26039

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aaagggttcca gttttgtctg aaaattctga ttaagcctct gggccctaca gcctggagaa 120
cctggagaat cctacacca cagaacccgg cag 153

<210> 26040

<211> 156

<212> DNA

<213> Homo sapiens

<400> 26040

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tgtactcttg gtggctagtt tttgtcaaat cttttttgga atattgctta aatgttttga 120
ttttatgata gtgaagcttg tttcagtggt tttgcc 156

<210> 26041

<211> 118

<212> DNA

<213> Homo sapiens

<400> 26041

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gvagaaaaaa tattckgttg tgtctcatag agtgcttagg atgtctttca cagagcgc 118

<210> 26042

<211> 166

<212> DNA

<213> Homo sapiens

<400> 26042

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tcaactgcaac ctccgcctcc caggttttca agtgattctt gggcctcagc ctaccgacta 120
gctgggacta aagggtgcgt ccgacactcs cggctaattt ccggcc 166

<210> 26043

<211> 388

<212> DNA

<213> Homo sapiens

<400> 26043

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caggaattcc agcatccagc ggaaattcag agaaccatgg cccctgagta attcctctga 120
aggaaacgta gtcaagaaaag actaattaat ttatacctac tccttcagct ccagcccggc 180

acttaattag taccttagtg gtttcaacga atgaatatgg gaaagagtga gagaaggagt 240
 gaagcagaag ttagccctcc aaagctatgc ttctcgtccc caaactatca cccctccac 300
 gctggggagg agcatgtggc tgtcccagca cctgcggact cttctggcat tttgtaggtg 360
 agggctaagg atgctataga tcctgcac 388

<210> 26044
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 26044
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 caagtctaaa acccagtggt ccagactttt atagcacact actctctaata tctgatttta 120
 aaaataatgt tatttcggta tatggtgtga atttgtccag gtagc 165

<210> 26045
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 26045
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 tttcctaagt gctgtkaatc caccctt 147

<210> 26046
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 26046
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 tttccatgct atattttgaa attcacaat cactgtatag tccagggtcc tkagtaarkg 180
 rstaaaatgc gattagtact ggaaccagaa aaactgcaaa tttcctaata gtcagaggga 240
 actgaatgta gtggagatgt gggctgtctc tcagctcttg tggcttcctg ttacatggat 300
 aaatggtttg tgatgatgca ttgataaaat atttttttga gaggatgggg gtaaggatct 360
 att 364

<210> 26047
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 26047
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 tatttcacta tatgtatgtt taattgatta attcttcctt ttttttgga atgaaacagc 180
 actctcaatt attgggacag aaaagttatt tcatagggaa tacttcaaac actgatatt 240
 acaacaggca gtaagattcg tcacaacaat tggatatactg tcaatatatacc atacraagtt 300
 ccactgtgtc ttgattaara attatttttag ttttctcagg aaaatgatac agaggagaa 360
 ttgcctagat tatatga 377

<210> 26048

<211> 360
 <212> DNA
 <213> Homo sapiens

<400> 26048
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 tgggtgtcat gtatttgggt ggatmsgmsg tgaaatctgt acacaagtag agggkgttg 180
 gtgggggtgg gaagaagaga ggtcatctct tatcatgggg aggaaggtag aggaatggga 240
 acaagtgcag ggcagctgta ggtttgagg tggaactgg cagtttgtgg tggagtggtg 300
 aggaccttct cttctgggtg cttgtttcct cagttgaaca caagattatg ggctgagaga 360

<210> 26049
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 <212> DNA
 <213> Homo sapiens

<400> 26049
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 aactgagaaa taggaagtac ttattagtga tacagatctt ggttggtaca ggacacactg 180
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 tatcaaatag tttatggcca ttgccctgg tctgtctgat accaggctaa ccaattgcc 360
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 aagtcacatt tcatgtctaa ttcaccctct gtattaatta tggaagctag acccagggt 180
 aggacccttg gttgtaaact tccccagttc agagcatttt ctcctatgtg ctcaaagacg 240
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 cttattatct cttcaattat ctaaactcag gtattgatgt atgtygttc atggaatcca 360
 aattttggca tgcaatggct gttctttcca gagggatctt tcttagggka cgttctgtct 420
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<210> 26051
 <211> 140
 <212> DNA
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<400> 26051
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<210> 26052
 <211> 375

<212> DNA

<213> Homo sapiens

<400> 26052

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gttaagatca ctgggtgagcc atatgcagaa gaatgaagct agaaccctac attttaccat	180
atatgaract gaactcaagg tggatcaaat atttaaattgt aagacctcaa actgtaagar	240
tcctagaaga daacctatgg aacaccgttc tggacattgg ccttgggaaa ggatttataa	300
gtcctaaaag caattgcagc acwamacaaa aattgacvag tgggatccgg ctagactaaa	360
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<210> 26053

<211> 202

<212> DNA

<213> Homo sapiens

<400> 26053

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tgatctccgt ggctatccct ttcactttcc ggtgaagtaa aggctttctc attactagaa	180
accatccaag ttaactagcg cc	202

<210> 26054

<211> 156

<212> DNA

<213> Homo sapiens

<400> 26054

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<210> 26055

<211> 263

<212> DNA

<213> Homo sapiens

<400> 26055

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acatgtacag aacgtgcagg tttgttacac aggtatacat gtgccatggt gatttggtgc	180
actcatcaac ccgtcatcta ggttttaagc cctgcatgca ctaggtattg gtcctaattgc	240
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<210> 26056

<211> 137

<212> DNA

<213> Homo sapiens

<400> 26056

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tatacttagc cagttga	137

<210> 26057
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 26057
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 tggcaattta attttagctt gtttatcagt gagatgtacc catgtgattt ttttttcccc 180
 cctcaattct gatactagac acatacaatt tttttgtttg ttttaagtct ctctgagatg 240
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<210> 26058
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 26058
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<210> 26059
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 26059
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 tgcctttacag gatcatgtaa atgctcaaag atgtaattga gttctttgtt cctgctttct 180
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 attgttttca acctagaaac ctttatccct gc 272

<210> 26060
 <211> 205
 <212> DNA
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<400> 26060
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 ccatcatagt tatgagaatg cctgtttccc tcatttttgc caactatgct gtcaagcttt 180
 tgggtttttt ttttgttttt gtttt 205

<210> 26061
 <211> 415
 <212> DNA
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<400> 26061
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ttgcttccat	ttccttcgag	tgctgggatt	acaggcgtga	gccacaaata	ttttttatcc	180
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cactgggtga	atgccagggt	gtgtctacac	caggaggacc	tatattcatt	cctttgggcc	300
ttttaatttt	agaagattct	agtaactgca	tgttattttt	tgtktttggt	tttgagagacg	360
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<210> 26062

<211> 287

<212> DNA

<213> Homo sapiens

<400> 26062

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gttgcccaat	tatTTTTcag	tagtattttt	ttgttttatt	taatttcatt	ttataagagc	180
agtgaattaa	gtacacatta	tggaaagttt	gcaaagggtg	cttcctgtca	ccctTTTTtt	240
tgcacgggtc	taacactgtg	tacttggtac	ccttttcacc	caacagt		287

<210> 26063

<211> 355

<212> DNA

<213> Homo sapiens

<400> 26063

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ttattyaatt	ccagagtact	gtcctctact	ctaaggcatt	acttttaagt	gtatyatgaa	180
ggcagtcctc	aaaggatatg	accagtysgg	gtaattcawa	ttaaacmagg	aaaagatttg	240
tttggmagta	actggtgtct	ctaagaggaa	ttytagatg	tcagtbgtga	ggctctttcc	300
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<210> 26064

<211> 234

<212> DNA

<213> Homo sapiens

<400> 26064

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gaaagaacat	ttgcatactg	acatTTTTaaa	acgtggctct	gaaatggaca	acaactgctc	120
accaaccagg	aaagacttca	ctgaagatac	catcccacga	acacagatag	aaagaagkwa	180
aacaagcctg	tatTTTTcca	gcaaatataa	caaagaagct	cttagcccc	catc	234

<210> 26065

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26065

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ggaacatcta	aaaaaatctt	tttttttttt	ttt			153

<210> 26066

<211> 163

001220" 666E7560

<212> DNA

<213> Homo sapiens

<400> 26066

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agaaataaca	accacgggta	ctgatcatct	gggagctgtc	caggaaccg	acaggakccg	120
gacggggccac	accatccaca	ggcaccaaat	ggacgaccg	gca		163

<210> 26067

<211> 443

<212> DNA

<213> Homo sapiens

<400> 26067

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tgatcttggc	tcaccacaac	ctctgcctcy	yaggttcaag	cgattctctt	gcctcagctt	180
cctgagtagc	tgggattaca	gggtcttggt	ctgtcaccca	ggctggagtg	cagtggcatg	240
atcaactgctc	actgaagcct	caacctccca	ggctcaagaa	atcctccac	ctcagtcttc	300
caaggagctg	gactacagat	ggwyaccacc	atgccagct	aatttttgta	tttttactag	360
agatggagat	ttcaccatgt	tgcccaggct	ggtctogaac	tcctgagctc	aagtgatcct	420
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<210> 26068

<211> 344

<212> DNA

<213> Homo sapiens

<400> 26068

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taaaatggaa	tagattttacc	avaaataaca	gtttaatcca	tttctgtaa	ctcataaggt	180
tcccgatgaa	atcaagcttt	tccattcctc	actatgactt	atgaaactgg	ttaatctagt	240
gtctgaykat	acatttttta	tattatagaa	cattagtaca	tttgacagar	gtgactgctg	300
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<210> 26069

<211> 73

<212> DNA

<213> Homo sapiens

<400> 26069

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<210> 26070

<211> 392

<212> DNA

<213> Homo sapiens

<400> 26070

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actgggggaa	ctttagacat	ccttaaaatc	acatgagata	gacagtcatt	tgggggtgtct	180

gaaataaacc accccaaaac ttagtggttaa aagagcaacc waaaaaaatt tatgtgagat 240
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 tatgtatacc ataaatatat arrattttat caacgaaatt cataacaatc tctcagacca 360
 cagagawac aaattagwac tgaggactaa ga 392

<210> 26071

<211> 140

<212> DNA

<213> Homo sapiens

<400> 26071

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 tctacacaga atacgccac 140

<210> 26072

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26072

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 agatgtcaaa ccgagcgct 139

<210> 26073

<211> 403

<212> DNA

<213> Homo sapiens

<400> 26073

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 gctgggcatg gtggcccatg cctgtaatcc cagcactttg ggaggccaag gcagtggatc 180
 acttgagccc aggagttcga gaccagcctg gggaatccgc atctctacca aaaatatama 240
 aattagctag gtgtggtggc atgccccggc aatcccagct actcaggagg ctgasgtggg 300
 akgatcactc aagctgaggc tgcagtsagt tgtgatcgtg ccagtgcact ccagcctggg 360
 tgacagagtg agaccctgtc tccaaaaaaa aggagacgtg ttc 403

<210> 26074

<211> 125

<212> DNA

<213> Homo sapiens

<400> 26074

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<210> 26075

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26075

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cat 123

<210> 26076

<211> 297

<212> DNA

<213> Homo sapiens

<400> 26076

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ccacacaatg taaatataat gtgtcaatgc tgtgtgctgt aagggtgcttc ttgcctaaaa 120
aagggtgagac aaaaccttag gaaggctggc agtaaaccctc tggagtattt tgccagatta 180
ctgtgacagt ggcagaatga ttttgtgaaa gccacatgcm gtctgaagtt tggaaatcta 240
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<210> 26077

<211> 189

<212> DNA

<213> Homo sapiens

<400> 26077

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ttagaaccaa agaaggaaag accgcaaaaa tgttgcatc gtgactcttt attgtcagaa 120
tctgtaggaa ctggaggtct ttgtaaagaa atagactagt aggattgtga gaatatatag 180
tgagggaaa 189

<210> 26078

<211> 233

<212> DNA

<213> Homo sapiens

<400> 26078

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catctcagct tttgacgtac cttcctcact aagcttaatt atttctagca tttgatttaa 120
agtgagaaaa gtgcttctct tcctttcctt tgaatactta gaggtgttt taggattatt 180
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<210> 26079

<211> 221

<212> DNA

<213> Homo sapiens

<400> 26079

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ggttattaga gaatctcta tgttactctt taatcctctg tgtattttcc tgcctttcct 180
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<210> 26080

<211> 187

<212> DNA

<213> Homo sapiens

004230" 666E7560

<400> 26080
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 tgtaattttg tatectttaa cacatctctc cctattcctc ccttctcct acgcttccta 180
 cccgcga 187

<210> 26081
 <211> 166
 <212> DNA
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<400> 26081
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 ctccagcctg gccacagaac aagactccgt ttcaaaaaa aaaaaa 166

<210> 26082
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 <212> DNA
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<400> 26082
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 atttcccagc actttgacaa aggggactct cttaaaactc ctcacgagc gttagtggaa 120
 gtcgactcat gtatctaaac atgtagcc 148

<210> 26083
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 <212> DNA
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<400> 26083
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 aaagaaccaa agaaaaagaa aagtcaccat cgacagggtta agtctgcmmt gctacagcta 120
 aacagtgact tcttaggacc aagaaatcgc agccagggcc t 161

<210> 26084
 <211> 409
 <212> DNA
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<400> 26084
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 attctgggtc ccagcagacc ctgttaggat aggaagcctg cagtgaccag tcttgtctcc 360
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<210> 26085
 <211> 108
 <212> DNA

<213> Homo sapiens

<400> 26085

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attccagcct gggcaacaag agcaaaacta tgtctcaaaa aaaaaaaaa 108

<210> 26086

<211> 167

<212> DNA

<213> Homo sapiens

<400> 26086

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tatgtaattt gggacttcca atggctaata gaccccaaaa tatgtaatac aatgttcagt 120
gaatctagag gtaccaat ctttgattct tttttttttt ttttttt 167

<210> 26087

<211> 173

<212> DNA

<213> Homo sapiens

<400> 26087

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agaagctggc caaaacccgc ccaaaccaag atgggtgataa aagtgcctc tggctatcct 120
cactgttcat tatatgcaaa ttataatgca ttagcatgct aaaagacact cac 173

<210> 26088

<211> 252

<212> DNA

<213> Homo sapiens

<400> 26088

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tgtgtttaat gcaaaacttt aaaaagaaaa acaactgtta tgtgactgtt aacttgctct 180
gcattttatg tgccacaggt atgaaagggtg acattgcaaa atactccgct cttctcgag 240
tgtagagggg cg 252

<210> 26089

<211> 118

<212> DNA

<213> Homo sapiens

<400> 26089

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<210> 26090

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26090

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 gtaaaccaac acactacaat tgattaatca aaaggtttct cctgtaatat tttatccctg 180
 gacttgatgca gtgaatt 197

<210> 26091
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 26091
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 gttcagatgc agagaagttt tagggaaaag g 151

<210> 26092
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 <212> DNA
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<400> 26092
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 caaaaatcaa agagataagg aagaaatatac tgagagatag tcttattctt ctgcatgtgg 180
 ttatccagtt ttcccagcac catttattga agagactatc cttttaccat gatgtgttct 240
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 ttctgttcca tttgtccatg tgtckrtttt cttgcmagta ttatgggtcat ttggttacta 360
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<210> 26093
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 26093
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 ttgaataaat ctttagacta caaaagccca act 213

<210> 26094
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26094
 agaagatgta gaaactgata cccgaattgc tgcctaaata cttgcttttg cattgaaagt 60
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 atttgccaat ttttaagaaca tagggcatct tgaagactta ccatgccagc tttgatcact 180
 gaagtaagt gacggatagg cagttagcaa caattaagtt attcttttac tctgttgctt 240
 ttgggaatca gaagtgaatg gttttatctt aagtaccaat ggcttacata agattctagc 300
 ctcttgaggg ctggagtctt ttgaatttgg caacgt 336

<210> 26095
 <211> 475

<212> DNA
<213> Homo sapiens

<400> 26095

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tgcatacagag	cagcacctgc	tgaggccaag	aacggagggtg	gctgctgccg	gcctccggga	180
gggtcccctta	gggaagcatt	tcttcagggg	tggcccaggg	acctccggca	tcagggcctg	240
catggggatt	ctgtgccagc	ccagccctgc	taagtcccag	ccttgggaac	ctgaggaggg	300
tatctgccta	tttttctttt	aaacatgttt	cttaggttat	tcactagart	ttgagaacca	360
ctgctttgtg	gctttgaaat	gttcatttga	attttcttat	gattactaag	atttttgccc	420
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<210> 26096

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26096

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cgccccccagg	ttcgactgat	tctcgtgcct	cagcctcctc	agtagctggg	attacaggat	120
ggagagtara	dgaggtaaag	gaggactctg	atgcctcagc	catgcgcctg	tgtgccgatt	180
cccattaagc	ctgcacc					197

<210> 26097

<211> 189

<212> DNA

<213> Homo sapiens

<400> 26097

atacccgagc	cctccccgac	ctcccagact	atccaggagg	gtagcaggga	acagccctat	60
caccctccag	atataaaaacc	cctctactgt	gtcccagcca	gcatgacct	gctcttccag	120
gagcttgcc	acaagaaggg	gagctttctg	gagggcagtg	aggtccgaac	gatcgtcatt	180
aactacgcc						189

<210> 26098

<211> 235

<212> DNA

<213> Homo sapiens

<400> 26098

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ttttgcagg	aaaaaaacaa	attcagaaga	cttaaaaaac	ttgcctttga	tcacatagct	120
aatcacatag	ctaataagt	aaagagccaa	attaaaaaga	atttatttaa	cttttaagtt	180
caggggaact	tgtatcatgg	cggtttcttg	tacagataat	tttgtcacc	aggta	235

<210> 26099

<211> 339

<212> DNA

<213> Homo sapiens

<400> 26099

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atagttaggt	aagacataaa	tggcttctgt	agtacttgac	acatgggtatt	ctctaagcaa	120

ttgataataa atagtaaaag gtagttctta ttgctgcagt aatcgtaaata gaaaattaat	180
gcctgaagtt cagtggtagc aaagggactg gaaagaaaat atcaaataa caaagggtag	240
ataagtagac cccataagtg cttagtact gatgtggtgt gggattgca gtaaggaggc	300
tcaccaagat gacgagcctg gccaagcata gagggcctc	339

<210> 26100

<211> 248

<212> DNA

<213> Homo sapiens

<400> 26100

gttcaggca atatcactgg agtattttatt actctgagga aatgcctttg ataaggacag	60
ggttggtagc ttcaatacct cctcattcc ccaatcattt gcaaaatcca gtcacttttg	120
cttctgaata actctcaaata ctatcccctt ctttgctaag attcaagcca gcagccccc	180
cctagactaa agcactagcc tctgcagcat ctctgggatc cctgcatttt cctcattcag	240
cagccagg	248

<210> 26101

<211> 307

<212> DNA

<213> Homo sapiens

<400> 26101

agaagaaaag cagcaacact gatacttggtg tgcacctgat ttggccaata ggatcaacag	60
tgaaaagaca gaagaggcaa taccagcagt cccattaca gtctccacct cccgtcttc	120
ctctgggtgc caaatgatgg gaagatgagc ttcatctgac catttcttct cctgtctcc	180
tgttcccctt cccagttaaa caggtagat tgaaggccct tgctgtattt ctgtagagct	240
aagcagccct tagaggaaaa cagttcaact ctgactttcc tagtngtttt tttattgaga	300
gccactc	307

<210> 26102

<211> 120

<212> DNA

<213> Homo sapiens

<400> 26102

ttccctttta cagccttatt gatgtataat tgaccgacaa taaactgcat atattgaagt	60
tgcacacttt gataagtttg gaggtaaatg catacatact catgaaacca ctgccaccag	120

<210> 26103

<211> 238

<212> DNA

<213> Homo sapiens

<400> 26103

atagggttat gggaagaatt aaacaatatg tgtaaagcac ttactagcac actgcctaac	60
acaataagtt agaaatataa tttgtgtaga actctgacaa catacattha aacagatgtt	120
agtaattctg gtataagggtt ttgtcatagc caaatggaaa ttaggaaac atttataatg	180
ttcttaaaaag atagaaaatt cacctccatt ttctttgtac ttgaagatga caccacgg	238

<210> 26104

<211> 177

<212> DNA

<213> Homo sapiens

<400> 26104

cattttaacc attttaaaagt attcaattca gtggtatgaa ttatattcac aatgttgtat 60
agccatcacc tgtgtctact tccaaaactt tttcattatc ccaaacagaa actctgaaac 120
catcaagcaa ttactcccca tttccctctt cccagccctt ggtaacgtcg actctcc 177

<210> 26105

<211> 117

<212> DNA

<213> Homo sapiens

<400> 26105

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ggagggacat tgacaggtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt acacagt 117

<210> 26106

<211> 243

<212> DNA

<213> Homo sapiens

<400> 26106

cccgttttat gtgccaatca catctacaaa gggccattct gtttgtggca cagcatttca 60
agaaagattg gcagatttgt taactggacc agagaaaggt gaccaagatg tatgagtctt 120
agaaaccatg gctcaggagg attggatgaa ggatttggta gtatttgact ggaaaatagg 180
aaggagagta ctggaaaata ggaaggagag tacctgggta catgacaact atctcccgtg 240
gaa 243

<210> 26107

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26107

agatgctgcc aggggtccctg aagagggaag acacgcggaa acaggcttgc acccagacac 60
gacaccatgc atctctctcg cccctggctc ctgctcctgg caccctgaaa cctctacgc 120
ctgggagggg gcctgcgtct ggatgcccc 149

<210> 26108

<211> 420

<212> DNA

<213> Homo sapiens

<400> 26108

ttaccaacta tgaagcaaac actactgttt ctcatatttt ttcattaaaa tgtatttatg 60
tatctatcaa aaaaataact cagcattgat agaagtaact atagaacaag agctggcaaa 120
taacagcatg tggggcgaas gagmacccct cccactgtt ttttaataga ccatttttta 180
cagcagtttt aatttcatag caaaaccacg cagaaagctc taagagtttc catatactgt 240
ctgtctacst ccacttcctc agcctctggt gttatcaata ttttgacca aagtgggtaca 300
tttattacaa cctataaacc ttcattggta caccattatc ccccaaagtc catagtttac 360
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<210> 26109

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26109

aatccatttt	ccacaccgct	tccccgggag	cccggttaaaa	tacaccggga	ccgcggcggg	60
tgcaagcctc	ctgtatctcc	acatagcagg	ctaaggggaa	ttgggtaggg	aataaaggct	120
gcaggggaca	ccggctagc					139

<210> 26110

<211> 367

<212> DNA

<213> Homo sapiens

<400> 26110

agcaaatcaa	gaagattttt	ttagatcata	taagaaaagg	tagtaatcaa	aaagtaaaac	60
ccagttgctg	aatttaggtt	agttaatata	aggcatgatt	atgtaaaact	gactgtaaaa	120
ttgagatcca	gtttttaaaa	atccaagtta	tttgtaggca	aatgttaaac	aattaaaaaa	180
aatttttttt	caattttttt	aaatttttatt	ttattattat	tatactttta	gttttagggg	240
acatgtgcac	aatgtgcagg	ttagttacat	atgtatacat	gtgccatgct	gggtgtgctgc	300
acccattaac	tcgtcattta	gcattaggta	tatctcctaa	ngctatccct	ccccctccc	360
cccccat						367

<210> 26111

<211> 382

<212> DNA

<213> Homo sapiens

<400> 26111

aatgcataag	tgagagcatg	tgctgggtgtg	tgtatagggtg	tgtgtatgtg	tgtttgcaag	60
tgtgttggtg	tgcgcatagg	tgtgtatgtg	tgcatgtgtg	ttgtgtctgt	atagggtgtg	120
ttgtgggtgt	gcatgtvngt	tgctgtgtgt	gtgggtgtgt	gagtgcacgt	gttggtttat	180
gataggcggtg	tttgtgcgtg	tattgggtgtg	tatagggtgtg	agcgtgtgtg	tatgtgggtg	240
tgtatatgta	gggtgtgtgta	taaatgtacg	tgtgtgaatg	tatatgtgtg	tagtttcata	300
tgagtgtgca	catgtgtgtt	taaaatatgg	ctaacggtaa	ggaaatagga	agaaataaaa	360
ttanttttcc	aagtaagggc	ag				382

<210> 26112

<211> 391

<212> DNA

<213> Homo sapiens

<400> 26112

ctttcaagga	atttcaaaga	tatggggtaa	tggctggagg	gagacgcgaa	stgagaggag	60
atatttttaa	ggtgggagaa	ataatggttt	gtttgattac	aggtaggaag	aatgatcctg	120
tacagtggaa	aattgatgta	ggagaaaagga	gaatcataaa	gctatgttct	tgagcaagag	180
gggatggatt	tatttagcaa	gcggagggat	tggccttacg	agtatggaca	gttcgcccaa	240
aacagcaggt	gggaaggcat	tatatctggg	cgcatttgct	gagagatggg	taaatgtggt	300
gatggaagtc	tatcaaaatt	tgccctctgac	tgtttcagtt	tttccattgt	agtaggaagc	360
aaggtcattc	ttcagctgtg	agtgaagatg	a			391

<210> 26113

<211> 416

<212> DNA

<213> Homo sapiens

<400> 26113

ctgcccactg	tagttggaca	aaaccacatt	caggtctatg	tgtcagcttt	gtccctcagc	60
cctgtgattt	gcttttggtg	gctcagggcc	agctctccaa	gggcaagctc	catgaaggca	120
gacagtgcgt	ctccattttg	atgaaggctt	gcagtcaagg	tcctcagtgt	gtgttagaga	180
ggcatagagc	tctgcaaggg	taagttcatg	tctataacaa	taattgacct	ccctagtgga	240
aagacaggat	tttcccaagg	aaaatagttt	gcggtgtcat	atttgtggtc	tctctagaga	300
gacaattccg	taagtggttc	ctaagccttg	gaaaadtctc	ttttacaata	gtacccacaa	360
ataatgttca	aagagctatt	tttgaggaaa	ggattcctca	catttttgca	ggtgca	416

<210> 26114

<211> 271

<212> DNA

<213> Homo sapiens

<400> 26114

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ggctctcttc	tgaattgtct	ttctatttcc	caccatctgt	aagcaactgg	gctggcatgt	120
agtagatggg	gtctcactca	gtctgtcccc	caggctggag	tgcaatggca	tggtcacagc	180
tactgcagc	ctcaaactcc	tgagctcaag	tgattctcct	gactcagtct	cccaagtagc	240
tagaaataca	ggcacaaaacc	accacacctt	g			271

<210> 26115

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26115

aaaaactcct	gaactcaagc	gatctgcccc	cctcgccac	ccaaagagcc	aggattacag	60
gtatgagaca	ctgtgtggtc	ccctcaactt	atttttttaa	catttttttt	tccaatgaag	120
ttgcttgtct	ctttcacttt	tgtccaattt	gt			152

<210> 26116

<211> 150

<212> DNA

<213> Homo sapiens

<400> 26116

tctatttata	taatctatca	tctatctagc	tatctttcta	ttttatctat	ctatctgtct	60
gtctgtttta	tctatctagc	tattttatct	atttttrcta	tctatctatc	tatctatcta	120
tctattctat	ctatctatct	atctatctat				150

<210> 26117

<211> 263

<212> DNA

<213> Homo sapiens

<400> 26117

cttagtgatg	tgctagacac	agaaaacagc	cataaaccat	tttatcaagc	cttcacgacc	60
tggcctatth	tatttatttk	tctttttgag	atgggagttt	aactctcacc	caggctggag	120
tgcaagtggc	caatcttsgc	tcaactgcagc	ctccacctct	caggttcaag	caattttcct	180
gcctcagcct	cctaagtaac	tgggagtaca	ggcacacgcc	accacacctg	gctaattttt	240
gtatttttag	tagagacagc	gct				263

<210> 26118

<211> 186
 <212> DNA
 <213> Homo sapiens

<400> 26118
 aatcacagta catttccttc cacatgggta tagagcactt taatgttaga atagagcact 60
 gagaaccttt cagggtacctg tgggacacga gtcttgcgag tgacactcaa tgccagggag 120
 tctccccagt tatccattct accaggagga atttagggga actggcttca gagtaaaggg 180
 aaaggg 186

<210> 26119
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 26119
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 cgggtccaggt gaaatttgag gtatcagcta attgtgctaa agttcccaaa aagaagtatt 120
 cagaaggtgt ggatcaccaa ttacctcttg gcagagctgt gaactaataa ctatgagcag 180
 tagataatgt actcagatgc cacatgaaat gcaaaagatt ctatgcttta ttccataaag 240
 catggctata ggacattgtc tactatgtaa ctaatawttt aaatatttat agatttttaa 300
 aagatttctt caaccttctt ttctcamcct gccccggg 339

<210> 26120
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 26120
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 ataaataaat ctcatgttga aatgtaattc ctaatgttgg aggtgggacc tggtagagagg 120
 ggtttggtgc atgggggagg atccctcatg gcttgctgcc atcttcctga tattgagttt 180
 gttttcacga ggtctggttg ttgtaaagtg tggcaccttg cccgctactc actcttgctc 240
 tgctttcacc aaacatcatg tgatatgttt gttcccgtt tgccctccac catgagtaaa 300
 agctccctga gcctaccag aagctgagca gatgmwgaca ccatgcttcc tacacagcct 360
 gctaa 365

<210> 26121
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 26121
 agtgatcttc ttgttgcac tgggattaca cacacaagcc actgccttac tgtgtacttt 60
 tctaaagtat agacatacct cagagatttt gtatgttcca ttccagacca cccg 114

<210> 26122
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 26122
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 gtaagttctg ggaaagagca gagtttccat gccctttcac tctgaagtca ggatttcacc 120

ctctgggcac atcaatgtgt taaccaacag gaattttctc tgagctttga agtccagagt 180
 ttttttgagt ttcattatat agggacgccg 210

<210> 26123
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 26123
 gttaggtctt tatattttaaa agtgtaatac cagttttggtt atttttagtag cagaaatggg 60
 atgattgtta aagttcccca aaaatgttgg cgagc 95

<210> 26124
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 26124
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 gcttaacccc agcaatccgc acgtatccag cacccc 96

<210> 26125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 26125
 agaaaatatt tatacaaatac tagatggtat acctacaaca cacctaggct atatggtatg 60
 gctattataa tcttatggga ccactgttgt acatgcagtt tgtgcttgat caaaatgtca 120
 ttaatgcagc acatgactgt aattatagat tcatgaagtt gcaaaacagt gtacaaagtg 180
 gtctcttgaa gttgttgcct agtttctcct tgtagtatca ccttgcataa ctatagtatg 240
 gtataatgag cagcaaatta acattgatac agtcca 276

<210> 26126
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 26126
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 gtagattgaa tgctgggtgc ggtagtaaag tcatgctgca gttatagtct gaaccagctg 120
 tactgttttg ggtagtaact tagacagtag agracaccac ttttctaggc agggctcctc 180
 acctctccta gggggccatt tcaactgcac ttggagtgaataacagaga ggaagtagct 240
 agatcctaatt ttctacaagt tatatcagtt ggggaacagtt tgtgggtgtc aacctgtgtt 300
 agggctgtat tgggtttgct ttcagttgtg ctataaagtg gaaaaaattg aattgtttat 360
 ttatctctta ttgtgaaact ttcctgtggc ccatagaagt ggcatagcaa rctgaacata 420
 gct 423

<210> 26127
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 26127

caggaat ttt taggctgggc atggtggctc agactgtaat cccagcactt tgggaggctg 60
 atgtgggtgg atcacttgag gccaggagtt tgaaactggc ctggccaaca tggtgaaacc 120
 ccgtcgctat taaatataca aaaattagtt gggcatggtg gcgat 165

<210> 26128

<211> 359

<212> DNA

<213> Homo sapiens

<400> 26128

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 tagcacaggt gcgtggtagg cagagatggt aaaaatcggt aagatgggat gcaaatgact 120
 gaggtttggg aaacaccaca gtaaataata tttagatttg caggtaattt ttcaaataat 180
 ccagctcagc cctggttgcc aggccaccct catcccagct gggccagggtg ttctctgtaa 240
 tgtgcccatc cagcccttgg cctaggtgac cagggagcca tgttgtctct gccagtcctc 300
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<210> 26129

<211> 250

<212> DNA

<213> Homo sapiens

<400> 26129

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 tggctcactg caacctccac ctccctgggt caggcgattc tcctgcctca gcctcccaaa 120
 gtgctgggat tacaggcatg caacaccaca cccagcctga aaccagatt tttaatatga 180
 aatcaaagtc ttcagacctt gtaggtgtca taaaaagcac gctgaggacc actagtttgc 240
 aactgccaat 250

<210> 26130

<211> 270

<212> DNA

<213> Homo sapiens

<400> 26130

taagaat ttt atagtttttag cacttatggt ttagtccgtg attcattttg agtgaat ttt 60
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 tctgacacca tttgttgaaa agattgttct tttccattg aatggtcttg taacctgtat 180
 tgaaaatcat tttaccatta tgccagaatt tatttttggg ctctttaatc tgtttcattg 240
 gttttaatca gcttttattc cagcaccact 270

<210> 26131

<211> 246

<212> DNA

<213> Homo sapiens

<400> 26131

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 tccgcgtccc cccgaccctg tgtgtcgtgg ttcgtgccgg tcccagttga gtcttgagtc 120
 ccgggaagag accctgcgcg gactggggag ccgttgaatt ttgctgtcag actcccagtt 180
 tcctcttctt cagtgcctct tcatgcctcc cccggtctctg tttttatctt ccctttaccc 240
 tcgccc 246

<210> 26132

<211> 438
 <212> DNA
 <213> Homo sapiens

<400> 26132
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 gaagagcagt tgcgagttca gctggatacg attcagggtg aactaaatgc acctactcag 120
 ttcaagggcc gactaaatga attgatgtct caaatcagga tgcagaatca ttttgagca 180
 gtcagatctg aagaaaggta ttacatagat gcagatctgt tacgagaaat caagcagcat 240
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 gatataaagc tggtcgaaca tggattgaat gaaacatcc acatcagagg tgggtgtctt 360
 agttgacagt tcacaaactt gtgtaaagggt ttgtgaaatg catcttctta ctgcatcaga 420
 ctttccttaa gaatgaaa 438

<210> 26133
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 26133
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 ttaggggata ccttgtaaac acttaaaaaat gcatcaaag cctgtgttgc aatcaaagat 120
 tcttcagct atccaa 136

<210> 26134
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 26134
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 agtcccatag ttgtttgcac ccattcatta cagcgtggas tgcaccttat tacagttatt 120
 ggtgtgcaag cttttctccc ctactagasc ctaagct 157

<210> 26135
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 26135
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 tgcacaaaat tccacaatag tacttcatta ttttctaagt gaataaaatt attagccatg 120
 aacggaaggs katctgacat atggccatag catccttttt cagtcttgct cctaggattc 180
 cctgacctgt ccactttgct ctagtgtatc tgaaccaatg gccactccct gattatgcct 240
 cctgcttctc tcttctgttg ccttattctg tcttaccggc tttcctttct tcttctcttt 300
 ttaactactt aatcctacag actatgcaag actgaactaa aatactctta tacctttagg 360
 cacaagagat gaactgccct gtt 383

<210> 26136
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 26136

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gatttgagra	taagctctga	ccaaatggca	gctagcccct	tttctttagc	cagaattaca	180
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aactctagct	cagcttcctg	cctgtcatct	gaacacagaa	cattgaagat	taggcgactt	180
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attacactgt	cttttaggca	agcattcact	gggcccctgc	atatgtaatc	tttacttatg	300
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<210> 26138
 <211> 394
 <212> DNA
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<400> 26138						
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aacaaaaact	tcagaaattc	ctaarggggtg	taataaagaa	gtkgggtttt	gaggtttctt	180
ttcctggaat	tattttacag	ttctttgggtg	gggtctcgcca	gctattaatt	gataatgaac	240
atttttctact	attttttttt	ctatctgaag	cttagagatc	tagagctttg	gatctttcgg	300
gtatatgtca	atggagggtat	aattttataa	tactttgmmt	tgacatgaag	tgggttcattg	360
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 <211> 369
 <212> DNA
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atatacaaag	gaactaccaa	ctttgaatgc	ttttggctga	attttaacat	ttttattgat	180
gagccttaga	agaaatactt	gaacacatat	attgatattt	agttgccagc	tagtttagaa	240
aaagctacag	tgaaatgccca	gagtaacttc	tgactttaag	ttccaaagtt	ccattgggta	300
gggagattgt	tttcataatt	tataatttcc	aggaaaaggg	gaaaatatat	attgacagaa	360
nctctgggtt						369

<210> 26140
 <211> 307
 <212> DNA
 <213> Homo sapiens

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00513999-02400

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 gaaaatttta tcttgctata tactcaacta tttgtacact ttaatacatg tacgttttat 180
 acttcaaatt aagcatttac ttacaatgtc agagactttg atttttgtat aacagaacaa 240
 aaagtataca gaatgaagtg tgtttctgtt tttgtttgga atttaaattc ttattttgtc 300
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<210> 26141
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 26141
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 ccttcagaa ggggaaatgt ggtggtaaaa aatgcaaatt acaagagaaa ctggtatttt 180
 ttattctatg ggtgttttt 199

<210> 26142
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 26142
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 acataaagaa aagaacaaag atcttcaagt tttgtcagta tttgcatttt tggaagaaga 180
 gcatgaaaat aacatcaaaa tgaaaaatta ggccgggagc agtggctcac acctgtaatc 240
 ccagcacttt gggaggccga ggtgggaggga tcattctgagg tcaggagttc aagaccagcc 300
 tgggcaacat ggtgaaaccc tgctct 326

<210> 26143
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 26143
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 aagttccatt caaataagca aatacccc 148

<210> 26144
 <211> 477
 <212> DNA
 <213> Homo sapiens

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 attggagact ggagaaactg cacaatgcc cccaggagga gaatcgtcca tctgcacact 180
 tagcccttg cccacagtgg gaaataaagg gttaacaaat gttcctaggt gaacagtggg 240
 ttcctttcct agttcctctc acaaagggct aaggaaacct ctgcactttc agatcccttg 300
 acgtccaccg gggagctgca ggtgctttgc agtgctgagc caacagcact agcagttttg 360
 tgtgaatccc cagctaaacc caaccagatg aggattataa tctccatttt atggtggagg 420
 aaacactnag scaataggha atatgtccta gggtcacaat aagtgcagga gctggga 477

<210> 26145
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 26145
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 ccccatctcw actaaaaata acagaaattg gcgggggtgtg gtggtgcaca cctgtaatcc 180
 cagctacttg ggaggctgag aaactgaggc acaagaatca ctttgaaccc gtgtggtgga 240
 ggttgacagtt agcccagatc atgccagcct gggtgacaga acaagactgc ttcttaaaaa 300
 aaaaaaaaaa a 311

<210> 26146
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 26146
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 gtgagtaaga ggctcaggaag ggaggcggga tagggcccag gctggacaaa gctgcacttt 120
 ccctctccaa aggtctggcct ttgtaaatgt tgggcttggg gctatggggg tagggtgggt 180
 tgggctgtct ctgggcctag ctgtcatttg ggggaggaag gggttaagat ggggggcatc 240
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 cc 302

<210> 26147
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 26147
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 gtccaagaat cagctgaagg aattgccaga aaaaatgccc aaaactcttc aggagctgcg 120
 tgcccattgaa gaatgagatc accaaagtgc gaaaagttac tttcaatgga ctgaaccaga 180
 tgattgtcat agaactgggc accaatccgc tgaagagctc aggaattgaa aatggggctt 240
 tccagggaaat gaagaagctc tcctacatcc gcattgctga taccaatata accagcattc 300
 ctcaagggtc tcctccttcc cttacggaat tacatcttga tggcaacaaa atcagcagag 360
 ttgatkcagc tagcctgaaa gactgaataa ttt 393

<210> 26148
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 26148
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 cctgcgtgtt tgtccactga aatgtggaat gctctggagg gaaaataaaa tgcaggggatg 120
 gttctggccc tgaaaaggctc aggtggccga gggcaagcgg c 161

<210> 26149
 <211> 176
 <212> DNA

<213> Homo sapiens

<400> 26149

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<210> 26150

<211> 428

<212> DNA

<213> Homo sapiens

<400> 26150

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tgctttgttc	tgccagccct	gaatgttgca	aaccagaaca	caaagctgcc	tgagttcgt	180
ctgaagagga	tgactgcgtc	tctttgtcca	aggccagcag	ctttgcagac	atgatgggta	240
tcctgaagga	ctttcaccga	atgaaacaga	gtcaagatct	gaaccggagt	ttattgaagg	300
aggandncc	ctgctgtgct	tatctctgag	gtcctaagga	ggaagtttgc	tctaaaggaa	360
gaagatatca	gtagaaaagg	aaattgacnn	gntcagctct	gcaaactcag	tctcatgctc	420
ctggaata						428

<210> 26151

<211> 147

<212> DNA

<213> Homo sapiens

<400> 26151

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cgtcccgccc	ttctcctgtg	tggtgca				147

<210> 26152

<211> 143

<212> DNA

<213> Homo sapiens

<400> 26152

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ttatgctggc	attgccactt	aacactgggt	ccttaacttt	ggacaagtca	cctatctatg	120
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<210> 26153

<211> 155

<212> DNA

<213> Homo sapiens

<400> 26153

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<210> 26154

<211> 302

<212> DNA

<213> Homo sapiens

<400> 26154

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gacaaatgga	actgcatcaa	acttaaaatc	ttctacacct	caaagaaaga	agccagcaga	180
gttgatttag	tttttacct	gctgataaag	acatacccgga	gactgggcaa	tttacaaaag	240
agagagattt	attggactta	cagttccatg	tggtctggga	ggcctcacia	tcattggtga	300
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<210> 26155

<211> 242

<212> DNA

<213> Homo sapiens

<400> 26155

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nyacgcacc	sactcagcat	aacctgctca	cacaatcaca	cacacaatca	cacacaccct	120
accagtaga	gccactcag	acacacatgt	tctcacacia	tcactcatac	acatacacac	180
cacagcacag	cccgctcaca	cacacacaca	catgcacccc	accagcaca	gctcacccac	240
gc						242

<210> 26156

<211> 70

<212> DNA

<213> Homo sapiens

<400> 26156

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aaaaaaaaaa						70

<210> 26157

<211> 263

<212> DNA

<213> Homo sapiens

<400> 26157

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tttttaaagc	tgtgagatgg	aagaactttc	agaacatgga	aaaccccgtc	acggtgatag	120
gtgaaggat	ttggtgaaga	aagatgggaa	taagattgta	atataggaaa	cagaaattaa	180
atggaccgta	gcctttttga	gaaaagtagc	aagaataaga	gaatgggcag	gatgtgggca	240
gggagtgggt	ggaaagtta	gaa				263

<210> 26158

<211> 230

<212> DNA

<213> Homo sapiens

<400> 26158

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aaacaaaatc	agatgccatc	cacagttata	ctaattatcc	attaaaagct	tacacttaat	120
acttgaaata	acaatcaata	tctagcaggg	aatactgaaa	gtgatttcag	agtctcatcc	180
tggtgtactc	tggtgggaag	gtttcttgag	tagatgtgtg	actggcccca		230

<210> 26159
<211> 100
<212> DNA
<213> Homo sapiens

<400> 26159
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cctttcctgt taaaatgtca ctttggcact aagaaaattt 100

<210> 26160
<211> 285
<212> DNA
<213> Homo sapiens

<400> 26160
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ttttggcttt cggctctgga aaatatgaga aatatgggca attactctct gaagaaagag 120
atgggggtcc accatgtagc cccggctggt cttgagctca tgagctcaag cgattcacct 180
gcctcagcct cccaaagtgc tgggattaca agtgtgagcc accattcctg cctctatacc 240
tctaaagggtg ttgaataatt tgaatgggaa tttgaaggtc catgg 285

<210> 26161
<211> 154
<212> DNA
<213> Homo sapiens

<400> 26161
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acggcatgtc ccaggccccg ggagcacagc cgagcccacc caccgtgtac cacgaacggc 120
agcgcttga gctgtgtgct gtccacgccc tccg 154

<210> 26162
<211> 234
<212> DNA
<213> Homo sapiens

<400> 26162
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aaagaaatct gtaaatcttt gtgtcttttt gagttatttg aaagggtttt tttgcatttt 120
aaaagcataa ttaaaatgca aattgttttc cctagctttt watttattta tgdtttaatt 180
ttwatggttt ttgaatgata gaagttttta atttctttag tcagatccat cagc 234

<210> 26163
<211> 184
<212> DNA
<213> Homo sapiens

<400> 26163
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gattggggct ccagcctgac tgacccgaca gtgcgggttg cctaggggga ggcgctcaga 120
gtaggaaccc gggggtgcag acgggatctg ccggatcccc aggcgtgtgt gtgsgcgggc 180
gaga 184

<210> 26164

<211> 110

<212> DNA

<213> Homo sapiens

<400> 26164

cttgtggaat aaggaagaga taagatcaga attattcttc cttcctggac cagctagctc	60
tttgaaggaa gcctcagcat ctcacacaca cacacacaca cacacacacg	110

<210> 26165

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26165

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act	123

<210> 26166

<211> 261

<212> DNA

<213> Homo sapiens

<400> 26166

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attagaatat ttagcktggt gtgtgcaatg gcatgaraag cctaaaggat tcaagataat	180
tcaaattcck aktgattcac gtgatatttt cacactcagt tctttcatct gkgtttctg	240
caaacacctt caaaacactt c	261

<210> 26167

<211> 238

<212> DNA

<213> Homo sapiens

<400> 26167

ccagcatcta atagacttga atctactcta aacgaatatt taatccaacc tcactacatt	60
gtagctcagt ccaacgacta accctgaaat ggggggtgtc cagccttcag cgagatggcc	120
aagcgggtccc ctggggggtg tggcagcggg cttatccttc tctgttgcca accttgccgt	180
ccgacctcct ccgcccccat gcgggtgacct cgtccgtgtc tgtgtctgtc catacaat	238

<210> 26168

<211> 482

<212> DNA

<213> Homo sapiens

<400> 26168

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tcagggtgag aggcagtgst tcatctcagc aggaagaat ggggggcggc cttcagggcg	180
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cagaaggagg cagccccagc ccacactaag gagggattgc ccagctagaa gcctcaggag	300
ggattctggg acacaaaaat agaaatgccca cccaagggtg agttcaaacc agaattggtg	360

tgggggtggg	agttggcacg	gtgaggacct	ttgactgctg	aaasccttcc	tcagcagaga	420
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<210> 26169
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 <212> DNA
 <213> Homo sapiens

<400> 26169						
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gactacccca	agacatawta	taatcaaact	gtcaaaaatc	agaggcagag	agaggatcct	180
gaaggcagca	aaagaaaaga	agcaataaca	taacataaaa	acgggctcaa	atgtacctag	240
aagtggactt	ctcagccgaa	accttatggg	ccagaaaaga	gtaggatcat	atatttaaag	300
tactgaaaaa						310

<210> 26170
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 26170						
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cacagtttga	tttaattgaa	aagtggctga	gacataattt	tttattataa	garsatattg	120
tgagctgggt	gtggtgatat	atgcatgtgg	tcttagctac	tcaggaggct	gaggcaggag	180
aatccctoga	gtccaggagt	ttgagtccag	cctgggcaac	atagtgagac	cttgtctctt	240
aaaaataaat	aaaaaaataa	ataaaaattt	aaaataatta	agaaatattg	tggaaaaaatt	300
gcatgtgaat	aaacacttct	ttttaaaggc	tctacttttc	aagaatggat	tgacagtata	360
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<210> 26171
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 26171						
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tcctgtataa	tcatcatttg	aatattttat	gatgatttta	gtcaccatta	tctgattcag	180
tgaacaact	ctttgggttg	atttattttac	tagatttaaa	aaattatttt	ctatcacata	240
taaatgggct	tttacagcca	gatagtgacc	tcttgaattt	attattttta	aatagtactg	300
ggaaatatta	cacatatcca	gatactttga	ctatgandwy	tttgtattta	aaatactcgt	360
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<210> 26172
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 26172						
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ctgtggtgca	gacattttcta	gtaagtgttt	gactacttgt	atggcattag	ctttcacaga	180

aaattgtttc acttaaaact gtggattggc ctagtac

217

<210> 26173

<211> 299

<212> DNA

<213> Homo sapiens

<400> 26173

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gaaatgctac	ttgaaggac	gcttgtgatt	atttaataag	gtgaatagtt	cgcctttcgt	180
ttattgattt	ggttttcttt	attgtgaaat	agtttaattt	tgtgcgtaat	ccacccttcc	240
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<210> 26174

<211> 359

<212> DNA

<213> Homo sapiens

<400> 26174

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mtgggtgtac	atgggtgctt	attaaattat	taaratatac	tttaaaaagt	ttctgtggct	120
tggccatcaa	attttgggwa	attacagaca	caacagtcaa	acatgcagca	atcagggtca	180
rgttggcctt	tctgaatgag	gatggagcag	actgttacgg	caggaggtga	atgatacatg	240
gcgtctcttt	ctgctaggat	agttgggtct	gtgagtctat	gacaccttac	ttgtctaccc	300
tgtgtacaga	nmtgggtgatg	gtattgtccc	actgtgtata	cgtgggtagc	cgtcaccat	359

<210> 26175

<211> 148

<212> DNA

<213> Homo sapiens

<400> 26175

cagcccagcc	cctcccarga	cttcatgggc	ammittggccg	atgtggamaa	tggaaacacc	60
aatgccaatg	gaaacctgga	agagcknmc	cctgcccagc	ccamagcccc	amtccccgct	120
gagcctgccc	cgatcatcaga	tgcccctt				148

<210> 26176

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26176

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cagtgggcag	atgtgctgcc	ttgtctaaaa	cagattttac	tgctgtttat	agttctctck	120
ycagstctac	cacagcmac					139

<210> 26177

<211> 102

<212> DNA

<213> Homo sapiens

<400> 26177

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004220" 665E F560

tacctttttt tttctttttt ctttttttga gacaaggtct ca 102

<210> 26178

<211> 164

<212> DNA

<213> Homo sapiens

<400> 26178

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atctaccctt tgagtattct ccagaatact aatcagcatg tacg	164

<210> 26179

<211> 240

<212> DNA

<213> Homo sapiens

<400> 26179

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tctcccagct ggggctgcgc ggggccctgg cgttcccggc ttgtgcctgc gccgctccag	180
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<210> 26180

<211> 91

<212> DNA

<213> Homo sapiens

<400> 26180

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atttctttac atattcatca atgtctgaag a	91

<210> 26181

<211> 346

<212> DNA

<213> Homo sapiens

<400> 26181

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ttatgcacag aactaaatgc ttgttaagta aaaattccta atccttatcc tcttatgcc	180
ttttaaatta actctaaaat tagtattgga aaaatctccc tgatttggtc aaatggctga	240
tgcttacatg tcatttttga tccagagatg caaaatataa gagcttcata cataggttca	300
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<210> 26182

<211> 354

<212> DNA

<213> Homo sapiens

<400> 26182

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ttcttaatcc agtctatcat tgttgacat ttgggttggt tccaagtctt tactattgtg	180

aataatgccg	caataacata	cgtgtgcatg	tgtctttata	gcagcatgat	ttatagtcct	240
ttgggtatat	acccagtaat	gggatggctg	ggtcaaatgg	tatttccagt	tctagatccc	300
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<210> 26183

<211> 239

<212> DNA

<213> Homo sapiens

<400> 26183

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acttccagaa	cggttgtggt	agagtgccag	gagtaaaatg	cttacagatt	tcagtgtatg	180
gaagggaatg	aaaagagagg	atttataggt	ggccattaca	ggcttgcttt	ttttttttt	239

<210> 26184

<211> 463

<212> DNA

<213> Homo sapiens

<400> 26184

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gtcctttctc	taaggccgca	cggataaacg	attaccgact	gttgacctca	cggccccctc	180
gcttccggcc	gcaccgcctc	gctgcccacg	cctgcgcact	caggcgcgcg	agattcattt	240
ggattcaagg	ttggctctca	acagtgccag	ctgcactgtc	atcctaaagt	acttctgtgg	300
aagagaacat	ggtggtgtca	ctgttgtacc	agtgatgaca	caaatcccag	atctacctga	360
cgggcctgcg	agggttgaag	atttgtgaagc	aataknbtaa	ggtaaacaac	accttgcaag	420
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<210> 26185

<211> 143

<212> DNA

<213> Homo sapiens

<400> 26185

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tgcgccatgt	tggtttgctg	caccatttaa	ctcatcattt	acattgggta	tttatcctgg	120
tgctatccct	ccccctgcc	cct				143

<210> 26186

<211> 332

<212> DNA

<213> Homo sapiens

<400> 26186

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agtttatcaa	acttcgttat	tttatcttgt	cattttataac	atccatataa	gcaactagcc	120
atataagcaa	aattcataga	actactaatg	acttaagtgt	acatctgttc	ttgtotccat	180
atattcatgt	aagatgcaca	acaaaagaaa	catcagaagt	ttataaaaaat	aaatctgact	240
atatgcatcc	tcattttattc	cctttagaac	ctaggtaaaa	aatgtttgcga	aaacatgggt	300
agtggcgcag	acattttgtt	atccttgaaa	ta			332

<210> 26187

<211> 247
 <212> DNA
 <213> Homo sapiens

<400> 26187
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 cttacaagtg agaacatgcg gtatttggtt ttctgtttct ttgttaattc acttacgatg 120
 atgtcctcta gctgcatcca tattgctgca aaggacttga tttccttctt ttttatggct 180
 acatagtatt ccatggtaca tttgtaccac attttcttta tccagtccac cattgatggg 240
 tgccaaa 247

<210> 26188
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 26188
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 gatgagtaaa ctgaggcaca aatacatgaa ataacttgcc ccagaaatat agccagtagg 120
 tggcagagct ggaagttaaa cccatatggt ctgggttcctt agtccctagt gattagaaca 180
 cactatactg cctcactgtc snthttctctg tcaaataatc gttgtccatt ttccctttgg 240
 ggtctttttt tttcttttca agataatact aagcaaggca gttacctttt tttggaagga 300
 agcagtaagg actctagact ttcagcataa ttttccttta acaatttaca tgactggtaa 360
 aaattttatg taagtagttc tgtaaaagga aaagcataaa aggaatgaaa andctcttgg 420
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<210> 26189
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 26189
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 taaccagcgt attttcacat cattctgtaa gttaaagatg atcaaacatg aaagagatgt 120
 tctcattttt ctttttctga ttaaagctct gatgcatac atttttctat aagtaatcag 180
 ttgcttttaa aatcagaagg ctatattatt ctaatgaccc tgt 223

<210> 26190
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 26190
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 gaggtgttgc atgtttttac aaattgaaga tctgtgacaa ccttgggtca agcaagtcta 180
 tcagtgccat tcttccaaca taggtgtata tgctggagca gctgtactta agtccagaaa 240
 taagaagata tttgatctga ggactcagga gagagcatgg ctgctgcata gatgggtgct 300
 tccatcgctt gacataagga agcccagcca aagcctgtgt cttgggcagc ctgggagctc 360
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<210> 26191
 <211> 407
 <212> DNA

<213> Homo sapiens

<400> 26191

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actcttgcca	ttttgttact	tgttttatgg	tcgttttgtg	atcatctttt	ccttctttcc	180
ttccttcctg	tcttcttttt	agtgacggtg	attttctgtg	gtgatatgat	ttagtttctt	240
actttttatt	ttttgtgtat	ttgttgatg	ttttagggtt	tgcagttacc	acaaggcttg	300
caaatactct	cttgtaatct	gttattttta	cctgggtaama	gcactgtttg	cataaacaaa	360
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<210> 26192

<211> 389

<212> DNA

<213> Homo sapiens

<400> 26192

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gcctggaagg	aggggaagggc	tccctacacg	gagacaagcc	tctcaccatt	aacaggattt	120
tcaaaggagc	agcctcagaa	caaagtgaga	cagtccagcc	tggagatgaa	atcttgacgc	180
tgggtggcac	tgccatgcag	ggcctcacac	ggtttgaagc	ctggaacatc	atcaaggcac	240
tgctgatgg	acctgtcacg	attgtcatca	ggagaaaaag	cctccagtcc	aaggaaacca	300
cagctgctgg	agactcctag	gcaggacatg	ctgangccaa	agccaataac	acacagctaa	360
cacacagctc	ccataaccgc	tgattctca				389

<210> 26193

<211> 90

<212> DNA

<213> Homo sapiens

<400> 26193

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<210> 26194

<211> 199

<212> DNA

<213> Homo sapiens

<400> 26194

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aagaaatgag	taagttgctg	gatgcacaca	ccctcccaag	actgaaccag	gaagcagtta	120
atccctaaat	agaccaataa	cgagttctga	aattgaggca	gtaataaaat	agcctactaa	180
ccaaaaaagc	ccaggccaa					199

<210> 26195

<211> 162

<212> DNA

<213> Homo sapiens

<400> 26195

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gccccatagt	ctctctctcc	ttcaagcttg	gctcatgttg	ttccatcttc	ctggcatgct	120
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<210> 26196

<211> 213

<212> DNA

<213> Homo sapiens

<400> 26196

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aatgcttctt	ggcttcttagc	tagagattac	atacaggtct	aaagctgcc	agctgaagca	120
tctggtcctc	amtgmcgtct	gctttgcagt	atgtgacaat	gctctagcgt	aggctgactt	180
tgccctacct	gcaggcagac	ttccaagagg	arg			213

<210> 26197

<211> 203

<212> DNA

<213> Homo sapiens

<400> 26197

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actttctatg	cttttgagta	aagatgaaat	tatatgtctt	ttttaatttt	ttaaattgaa	120
tgatgttcaa	gggaaaagct	accagtttc	catttggtgtg	aaatttatgt	atatttttgg	180
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<210> 26198

<211> 365

<212> DNA

<213> Homo sapiens

<400> 26198

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gtatgccccg	ctcagtgtgc	wrgctgggmc	crctgtcttt	cccggcctgg	ctggcggasa	180
tcgaggaggt	cctccgcate	ctcccagggc	cccactttga	ggagcggcag	ccactgcccc	240
cagggactgc	agaagaaaag	taagtcccag	tccrgcatct	acagataatt	atgtactgtt	300
agtgtggttt	tcaggnaktg	tacagttgct	ttgtaaaata	gtaaagcact	taggagtcag	360
aatag						365

<210> 26199

<211> 331

<212> DNA

<213> Homo sapiens

<400> 26199

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ggcatttccc	ttgttctactg	agtactggct	tggttggtgc	gccctcccca	tttcctgcta	180
tcttgaatga	cttgaacatg	tttaggggtg	attcattcaa	caatctaatt	tcaaggccac	240
ctgcctttct	cagctcccaa	gatttgcgtg	gcccttcact	gtggcagtag	tctgccttgg	300
gccagaccct	gcacattgtc	atcaggtgga	c			331

<210> 26200

<211> 157

<212> DNA

<213> Homo sapiens

<400> 26200
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 ctgggcctag tgaaggagaa gacaaacacc ccagtat 157

<210> 26201
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 26201
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 aatacagtgt ttctaattaa cagtgttagt taaactaagt atacagcact ggtgatttct 120
 gtgtgtcagt gtcatttcag cctctttgtt gtcttaagag gccacttag tggtttgact 180
 gtcccttgag agaatagaag gtgagcttgg agagttttca gagacagtga cttgatttaa 240
 agaaagtagg atcatagtag taatactcct cacatccacg tatccccga taa 293

<210> 26202
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26202
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 gaaatggcca ggttgggtta acccactggg ttcaaccagt tcaggaatga ggttatttgg 180
 ccatgactgg ctgatcttga gctcaaggat ctgcttcaaa tgcacacagg cctagttgaa 240
 gtttaaacc cagcaaaaaca ttcctccctg taaatggaaa atcctacttc tacccccacc 300
 ctgccctgtt ttttgttttt tttttcccca agatca 336

<210> 26203
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 26203
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 gcccggttaa tttttggtat ttgtagtaga aacgggggtt caccatgtta gccaggctgg 180
 gtgcgaactc ctgacctcag gtagtccacc cgccttggcc tcccaaagtg ctgggattac 240
 aggcgtgagc caccgcagtc cggcccta 270

<210> 26204
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 26204
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 ctgtaaataa cgataataat ttcataatat atgcttcacc tagatttacc agttactaat 180
 attttgctac agttttatct tctcacacac ttttggttag catctgaaaa ccatatacat 240
 gatgacagtt caccgagg 258

<210> 26205

<211> 341

<212> DNA

<213> Homo sapiens

<400> 26205

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cattaactga	acgtctggat	gctcttcttc	tggaaaaagc	agagactgag	caacagtgtc	180
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gtgttctttt	cttttttatt	aacatatagt	gtagtcatta	atttttagagg	taagacttta	300
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<210> 26206

<211> 213

<212> DNA

<213> Homo sapiens

<400> 26206

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aagatgagaa	aaatatctgc	ttgtctccaa	atttgaatat	tttacaattt	aaaatggaaa	120
ctgtgggtga	cagaacacgt	tgaggatccg	actcagcacc	tcattccacgt	gggccagag	180
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<210> 26207

<211> 159

<212> DNA

<213> Homo sapiens

<400> 26207

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aaacttttcc	tcacttttct	tcttcttcaa	aaccctcca			159

<210> 26208

<211> 370

<212> DNA

<213> Homo sapiens

<400> 26208

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tagcttggtt	tccttatcca	aatgacatta	agtcctttga	gtcacattgg	aggttctgct	180
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agctgtccat	ttacttaaaa	ccttttatag	gctttactag	acataaaagt	cattaacttt	360
ttttggcagc						370

<210> 26209

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26209
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 atgtctgttt acacttttgt aatcagtcac tttattatgt taattctagt tctacctatg 120
 ttgtaatttt aatagaatt 139

<210> 26210
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 26210
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 aggtttaatt ggctcacagc tccgcaggct gcataggaag catagtggct tctagggagg 120
 cctcgggaaa cttcaattat ggcagaaggc aagaggggaag caggcacatc ttacatggct 180
 ggacaa 186

<210> 26211
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 26211
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 ccgcctcccg ggtgcaagct gttttcctgt ctcagcctcc caagtagatc agattgcagg 120
 catgtgccac cacaccggg cta 143

<210> 26212
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 26212
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 atagtgaaga agtttttttt aatttttgga tgggatattc gcaaatactt gtattataca 120
 ctaagctatt acaatggtag ttaaaataat gtaaatttga agtcattgtt ataaaataat 180
 aaagtggaga ttacttaagt atttaaatta tgaaagaata atgcagc 227

<210> 26213
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 26213
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 gtgctgactc aatgctcgtt agttgatggt gctgtacctg tcatcattga tctgtgcaag 120
 gccccttctc atttcattca ctaattcatg tatttctttg tatccccccg aaggn 175

<210> 26214
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 26214
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atctctcact	gaagcgaaaag	ctccagagta	gctcccttga	cgagtaccgg	aagcgasagt	120
gtcgakacca	cctcagasta	aacctgmaag	tttctgacca	ggacgagaag	caccgtggct	180
gagtctgtsa	gccaac					196

<210> 26215
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 26215						
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ctgcagcctt	gctaaatttg	tttattagct	ttaasaggct	atTTTtggtg	ttcttttaggg	120
ctttctacac	ttatatcact	tgcmmawtag	agatrgTTTT	acttcttcct	ttcyaatttg	180
gatttatttt	atTTctTTTT	cttgccctgat	gggtctggct	agaactgcc	atactatgtt	240
gaatagaagt	ggcaaacaca	ggcatccatg	gcacnkak			278

<210> 26216
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 26216						
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ccctgtcccg	tcacaaatca	tactttgtaa	tgTTTTctgg	ggatatttct	tgtaaccttc	120
acaagtttat	ctgtagagta	aatttctagt	ttcaggatta	ctggattgga	agatgcatgc	180
atttaaaagt	gtgattgctg	ttgtcagggt	gtcctccaaa	agtgtccct	cagtttgtac	240
ctgtatccat	aggtttggag	agtgtctgtt	tctccatacc	gtctcatctg	aaatgaaaat	300
ttttacatgt						310

<210> 26217
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 26217						
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ctgggacagg	agaattgctt	ggattcagga	ggTgggggtt	ttagtgggcc	gtg	113

<210> 26218
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 26218						
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caaaacccat	ctctgctgaa	gatacaaaga	ttagccgggc	gtgggcgcgc	acctgtggtc	180
ctcagcctcc	cggaagctg	ggattacagg	catgtgccac	catgcccggc	tgatttttgt	240
gttttttagta	gagacaggtt	tttgctatgt	tgccaggt	ggttttggaa	ctcctgacct	300
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<210> 26219
 <211> 119
 <212> DNA

<213> Homo sapiens

<400> 26219

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caggagaatt gcttgaacct gggaggcaga ggtcacagtg agccaagatc acgccatcg 119

<210> 26220

<211> 175

<212> DNA

<213> Homo sapiens

<400> 26220

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aggctgaggc gggagagtgg cgtgaacctg gaggcggrst tgcagtgagc cgagatcgtg 120
ccactgcaact ccagcctggg cgacagagcg agactccatc tcaaaaaaaaa aaaaa 175

<210> 26221

<211> 371

<212> DNA

<213> Homo sapiens

<400> 26221

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agctcttgat ttcccttatga ggcacaaaat acttgctcct taatcttttg ttgacttaag 180
tttttatcca ttgatataatt ttcccagcaa gtgaagacaa cttagttata ataaacattc 240
acctccaggg tcttggagtt tgcagcccc tctcattctc tcacaaagcc aacatttcct 300
tcacctcctg atgtgtccct ggccctgaaa gcaccctggg gatactgrgg cacagcacct 360
atgacctggc g 371

<210> 26222

<211> 147

<212> DNA

<213> Homo sapiens

<400> 26222

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tatttctctt ttagcaatt gtgaatggga gttcactcat gatttgctct ttgtttttct 120
gtttttggtg trwaggaatg cttggga 147

<210> 26223

<211> 146

<212> DNA

<213> Homo sapiens

<400> 26223

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tcactcttaa tttcttcctt cctgtc 146

<210> 26224

<211> 159

<212> DNA

<213> Homo sapiens

<400> 26224
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 tctggaaagt actatggagg aaaattacag accaccccc 159

<210> 26225
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 26225
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 gaaattcgag atgggtcaaag agaatttgct gctacaaata gttatcttgg atattttgga 120
 gatgcaaaga gtaaatacaa aagaatatat gtgaagttca ttgaaaatgc aaacaagaag 180
 gaatatgtca gagtgtgttc taaaaagcca agaaataaac cttcacaaac tatcagaact 240
 gttcaagcta agccaagtag tagcagtaaa acttctgata ctctagcatt aaaaactaca 300
 actacaaaag cccctc 317

<210> 26226
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 26226
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 gccgggctaa tttttggtat ttgtagtaga aacgggggtt caccatgtta gccaggctgg 180
 gtgcgaactc ctgacctcag gtatgccacc cgccttggcc tcccaaagtg ctgggattac 240
 aggcgtgagc caccgcagtc cggccctaata 270

<210> 26227
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 26227
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 ggccttagtc agggctgctt tgtccctact ctacacagaa gagcctaaaa agggaaggga 180
 ggaagaacca tcatctacct taccacctcc tcttctctcc tcagccccgc cgttaccgag 240
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 aaaatacaag ggatacacta ctgttatggg accctgtctt agtcaagtgg aattagaagg 360
 gagctcttga cctgcccagt gatgcaagat caacaagaca atcagtaaga aacgtacaaa 420
 cattaagaag agcctattca gaaaagacag tcttccagtt acctata 468

<210> 26228
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 26228
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 aaaagaaaac tggctcttgg aaatggatct tgtttcggtg gttgttgtga gtccttgggc 120

agaatgggta actaccttra gcctcagtta taaaactatg aaagacgttt acttcctggg 180
 gttgttttga tgatttagtg aaataaagat acagaaatth ccagcacata gtagattgtt 240
 aagtctgttt gtattacatt tctcctcata aagtttcttt tttcttttct ttttcttttt 300
 taaacatttt tgtttgagac aggatcatgc tctgttgccc agactggagt gcagtrncat 360
 gattgtagca cctggcctca agtgattctc ctgcttcagc ctcttgagta gttgggacta 420
 caggtgtgtg tca 433

<210> 26229

<211> 178

<212> DNA

<213> Homo sapiens

<400> 26229

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 agatgtggga atcacaaggc catagtttag ggtctcgag tgccattggc aacaaagcct 120
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<210> 26230

<211> 346

<212> DNA

<213> Homo sapiens

<400> 26230

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 tcttgatgc tgaagttcta gggtaggggt gtcagtaaaa tgcaggacac ccagttaaat 180
 ttaaatttca aataaataag aaataatttt tagccattat tatggrgttg tagacctgg 240
 gtggggagta tggggatcaa cctcagaagc ctccagagag agattgggtg actctaggag 300
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<210> 26231

<211> 117

<212> DNA

<213> Homo sapiens

<400> 26231

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<210> 26232

<211> 118

<212> DNA

<213> Homo sapiens

<400> 26232

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<210> 26233

<211> 150

<212> DNA

<213> Homo sapiens

<400> 26233

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tgcaaaaatt	tagaaacaaa	gtgaatggca	gtaatagggg	aatggctgar	taaattgtgg	120
tccatccacc	ccaggaagc	ttatgtggca				150

<210> 26234
 <211> 384
 <212> DNA
 <213> Homo sapiens

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aacagcctat	acttttcttt	cgaatgtcat	accaattcag	tttamctgca	tgasaactct	120
gttgaatata	caatatgtca	acttaaaagt	gcaaaaactgt	gctcctgatg	ttcatgcctc	180
aaaccagtct	cttgtgtact	gttgcctttt	tcagttaatg	aaacaatttt	tgtgtctctt	240
gggccaaaaga	ttttggctag	ccatccttga	cttttacwct	tctcaccttt	ggcctattag	300
aaaatcatgt	tggccagggt	tggtggctca	ggcctgtaat	cccagcactt	tgggaggctg	360
arggargcgc	atcgcttgag	ctca				384

<210> 26235
 <211> 231
 <212> DNA
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<400> 26235						
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acatctagca	ttcagtcttg	aagattctta	gtttagaagc	ttaaaagtat	gcaattctca	180
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<210> 26236
 <211> 395
 <212> DNA
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<400> 26236						
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attctcacct	ccctccccac	ctcagtgttt	tgtctgtccg	cgcccaagaa	agataagcaa	180
gtatttcctg	ctggatgggg	gttggcagga	agctgttaaa	gatttatgcc	agagccttgc	240
aggatggagc	acctctggga	caactaagag	ccaaggccca	ccaaggagtt	ttccacccgt	300
ctctcatggt	cacagcgcta	gtcattcatt	tttgagaagt	tgcttctttt	acatcagaaa	360
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<210> 26237
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 <212> DNA
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<400> 26237						
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cttacttctg	tttccttact	tctaacgcag	ggagtatctg	tcaactttac	ttgacctata	180
aagtgtacc	agcattttta	aagtaggaag	gtaaatccct	tagagtggga	atctgtgggt	240
ccttttctgt	ttctttttga	ctgtkacaga	gttggttcacg	catccatttc	aggtttctga	300

ttggtgtgtt	ctgtaatagc	aggtacagta	aaatcttact	agttcagtat	aattgagaaa	360
agatcagact	gatttttttt	aatgaattgg	aaattttcac	taagtgaaga	cgtaataatt	420
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<210> 26238

<211> 195

<212> DNA

<213> Homo sapiens

<400> 26238

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ctgggccatt	ttattttgatc	cttaagaccc	tgtatgataa	ctggaatgcc	tgtagttcca	120
gctactcagg	atgctggagt	aagaggatta	cctgagacca	ggggttcaag	gccacagtaa	180
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<210> 26239

<211> 520

<212> DNA

<213> Homo sapiens

<400> 26239

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gttctagatc	cctgaggaat	cgccacactg	acttccacaa	tgggtgaact	agtttacagt	120
cccaccaaca	gtgtaaaagt	gttcctatct	ctccatatcc	tctccagcac	ctgttggttc	180
ctgccttttt	aatgattgcc	attctaattg	gtgtgagatg	gtatctcatt	gtgggttttga	240
tttgcatctt	tccgatggcc	agtgatgagc	atttttttca	tgtgtctttt	ggctgcataa	300
atgtcttctt	ttgagaagtg	tctgttcata	tcctttgccc	agttttggat	ggggttcttt	360
gttttyttct	tgtaaatttg	tttgagttca	ttgtagattc	tcgatattag	ccctttgtca	420
gataagtagg	ttgcgaaaat	tttcttccat	tttgtaggtt	gcctgttcac	tctgatggka	480
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<210> 26240

<211> 336

<212> DNA

<213> Homo sapiens

<400> 26240

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aagagcatcc	ccagcagcga	tgttcattca	gtgcctctga	aggctggagg	gctgcttggt	120
gctgggtgag	actcggaggg	gaaccgactc	agggtcagga	atgatgacat	cccacgggtg	180
gtccacagtg	aagaatcttc	cccgtctccac	tgtgggacgc	cttaacagcc	cttactttcca	240
cttacgcttt	gcgttatctc	ctgaaaaata	aaatggagac	cacaaattcc	ttcttggtta	300
gaggaatgac	acaactcatt	tatgacatga	cccat			336

<210> 26241

<211> 166

<212> DNA

<213> Homo sapiens

<400> 26241

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gatttttaa	ctttccctga	ccatgtatct	ttaaagta	gtgtgagatc	tttgtaattc	120
tgtgtaacct	acagtactct	ttacagggat	aattttccct	tgaatt		166

<210> 26242

<211> 292

<212> DNA

<213> Homo sapiens

<400> 26242

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ccgttgagtg tgtgcatgta caactgcttg aaaacagctt gtgagttcac tattaggtcc	120
atgaaatttt tctccttggc aggttttcac tattaatttg cttgacaaag gatagatata	180
ttttccatgt gtggaggtaa aagcagtgc gtgagctaaa aagttagcaa aggtgaagtg	240
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<210> 26243

<211> 155

<212> DNA

<213> Homo sapiens

<400> 26243

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caaagatgtc actacggtgt cttctggcat gtatagcttc tgaataataa cagattgaca	120
atgcagaaga aaagatcatt aaacttgaag acaaa	155

<210> 26244

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26244

ttgaatacac ctttgtgtss ttcacacagc agtttacatc cagtgtgtgt accttcagat	60
gtatttgacc aaccacaacc tgtaggtaac aaaagaattg aatbccatat atctaccgac	120
atgccagcta	130

<210> 26245

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26245

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ttctgtttca tagctctcag ctaagaacag tataggatac cagtgggtcc gaaacaggtc	120
ccatccacat gtcctctcct tttcccttc	149

<210> 26246

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26246

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tataatgtat ttaaccagtc tcatgttaga catataagtt gtttcatttt tctgtygtwg	120
atgagacagt gaattatctt gttcctaaag cttggtgcat ttgtatgggt atttctgggg	180
tggagattcc tagaagtga gtgggata	208

<210> 26247

<211> 350
<212> DNA
<213> Homo sapiens

<400> 26247

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asgtgttcaa	tggtgatcga	tccaaggctg	tgcacatagg	gtctaagacg	gaagagaact	180
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ctggcctcaa	gtgatccgca	caccttggcc	tcccaaaatg	ctgggattcc	aggcgtgagc	300
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<210> 26248
<211> 183
<212> DNA
<213> Homo sapiens

<400> 26248

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atctgcccac	cttggcctcc	caaagtgctg	ggattacagg	cgcgagctac	cacacctgac	180
acg						183

<210> 26249
<211> 450
<212> DNA
<213> Homo sapiens

<400> 26249

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tagtggagag	ttatgcaaaa	ttttgatact	atagaatgtg	ttcacctamc	gggttgagcc	180
amsaagaggc	tcctaaatct	aagtctgtat	gttaaataa	tagaagagac	gatttagcat	240
cttacaatat	ttctgtcgga	ctcacttttg	gagttgacct	ttttgatgtg	gcgggtaggc	300
ctgtggaatt	tgtgagaaat	ccttggaat	tctttgtgct	taaratgaat	asvatcatat	360
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cckccactca	gtctttactt	tcctttcttc				450

<210> 26250
<211> 227
<212> DNA
<213> Homo sapiens

<400> 26250

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gaagcaaagc	cacccttcgg	gaagaaaacg	tcaccttgcc	atacattctg	tttcaacagt	120
gggtacaccc	ctaacagagc	cagtsccaac	aaaacatttt	gaatggactt	aggacccatg	180
agggttgggc	tggcttaggc	agcaacctcc	ayattcccac	aggcatt		227

<210> 26251
<211> 324
<212> DNA
<213> Homo sapiens

<400> 26251

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tgctgttttc	tctttgcttt	ctaggttcca	tctgcctctc	tgttttctag	gttcctccgc	180
cacctgagtt	caaacgattc	tcgtgcccc	gccaccaggg	tagctgggat	tacaggtgca	240
tgcsaccacg	cccagccagt	ttttgtattt	ttagtggaga	tgggggtttg	ctctgttgcc	300
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<210> 26252

<211> 185

<212> DNA

<213> Homo sapiens

<400> 26252

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gtctttatat	gggtgtgggt	acatgactgt	atacttttga	cagaggtata	tctaaaaggg	180
gcacg						185

<210> 26253

<211> 204

<212> DNA

<213> Homo sapiens

<400> 26253

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gatctggcct	ggtcacaaaa	tcattactga	tgcatctact	taacagattt	tttttttaat	120
gtctgtgggc	acataactag	aaaattggtc	ttctttctaa	ggggctgaca	tataaatggg	180
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<210> 26254

<211> 264

<212> DNA

<213> Homo sapiens

<400> 26254

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ctgtccacta	atgtgactgc	attttatagt	atgtaaatta	tacctcagta	tagttgcttt	180
taaagaagat	gaagccagag	gacaggaaat	tggtaaacat	agtgtctgtc	gccatgtccc	240
ttcagccaca	gcactgccaa	cact				264

<210> 26255

<211> 361

<212> DNA

<213> Homo sapiens

<400> 26255

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actatcatta	ctcaaatact	attataatam	tggcctctta	ttcctgaata	tctgtacttt	240
gttaggcacc	gttcttggtg	ctcttacatg	attttatctt	gatcacaaga	tcagtattgt	300
tatccctgct	taacagatgm	ggcagtyaag	caatcattca	ctcagggttg	catractaga	360

a

361

<210> 26256

<211> 67

<212> DNA

<213> Homo sapiens

<400> 26256

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<210> 26257

<211> 357

<212> DNA

<213> Homo sapiens

<400> 26257

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agtagaatat agttactctg tatctgcagg ggtaaagaaa ggccaagata aatattttcc	180
ctcacttaga cacagcaata atataattta aaccatttca cttctgatcc ttaagttgaa	240
gawaaagact gatcatttta tcattttcatt tattaactg caaaatatat ttttaccaaa	300
atttattatt garacaaatt tcattgggtt ccttgaccta ttgtaattct cttttaa	357

<210> 26258

<211> 295

<212> DNA

<213> Homo sapiens

<400> 26258

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tatattttaat ataactttac actactattc atgtcattta aagttaaagg atacttcttt	120
gttttggatt aacttttaat ttttatagct aaatgtttac atctgttatg ttggcagtga	180
gatgtataaa agagctcaag gaagaactcg gattggaaaa aagaatttta agaaacgatg	240
gttctgctta acaagcagag agctcaccta ccacaaacag ccaggcaaag atgca	295

<210> 26259

<211> 298

<212> DNA

<213> Homo sapiens

<400> 26259

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gtgaatgtac acggtggaaa tcttgtggat ttgagctttt actggggttag tgcagcttct	120
tcggtacccc ttgcagtttc cctggctgac gaatcatcag ggaattatgt ttaacatctc	180
aaagaaccag tagcaacttc atatttagag agatgcatta acaaattatt ggccaccttt	240
gtgtcagaca ctgttctagg tacttgggaat tcattgggtg atagacaaat tatgtggc	298

<210> 26260

<211> 354

<212> DNA

<213> Homo sapiens

<400> 26260

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tattttgagt	ggctctccta	tgcattgtag	gttttagcagc	gtccctggcc	tgtacacgct	180
agatgccaat	agctccttac	caccaggttg	tgacaataaa	aaatgtctcc	atgtattgtc	240
atgtgtcccc	tgggaggcaa	aattgtacct	cgttgagaac	cactctccta	gaatgtaagc	300
tccataaaga	cagagttttt	aaaaactttg	ttttactcct	gtatcttcag	cccc	354

<210> 26261
 <211> 457
 <212> DNA
 <213> Homo sapiens

<400> 26261						
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actgtccctt	cagcccatg	ctatatgcca	ttagagtga	attgctggct	gcatattgga	120
ctctcctgga	aacaggctgg	ttgtcacccg	ccctcagcct	gtgactctcc	ataccagctg	180
cccattatcc	cttgggtcct	gaaatcacac	cctaaaagtt	caacatagcc	actgagggtt	240
ccttgctgta	gcataagacc	aaacctggca	tatttcacct	ataggaaaaa	gtctcccacc	300
accaccctca	gcccttgct	aaataccatg	gtgctggtaa	aagtcacccc	ccttcccaga	360
ccctttggat	atctgtggaa	gcccttgcaa	tcaacagagt	gaagagtmaa	gggagtytct	420
ccactttata	gatggtatca	ctaccattgt	atgtgat			457

<210> 26262
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 26262						
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atgtaaata	taccacata	ttatagttca	taatttgta	tatgtcagca	gatttcattg	120
aacttgagtc	ttaggtcaca	atagaactaa	caacatattg	gcttcattct	agtccaattt	180
gtttttcttt	atgcctacac	accaaggggtg	ttcgcttgaa	aacaagtctt	ccttcacctc	240
ctgctttttc	tcctcacctg	caaa				264

<210> 26263
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 26263						
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amaaaaaaaa	atcaaggagg	tttatgttaa	agtgagccct	atttaagagw	tasc	114

<210> 26264
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 26264						
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agggcacctt	ccaggtgcct	gaasatatgg	cacagggttc	aggcttgctt	atcatcctcc	120
cggggccacc	agcacaacat	gatcccacca	ctccctacac	aac		163

<210> 26265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26265

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gttggttcca agtctttgct atcgtgaata gtgccacagt aaacatacac gtgcatatgt	120
ccttatagca gcatgactta taatcctttg ggtatatacc cagtaattag atggctgggt	180
caaatgggtat ttctagttct agatccttga ggaattgcca cactgtcttc cacaatgggt	240
gaactagttt acactccaac catgtaaaag tgttcctggt tctccacatc ctctccagca	300

<210> 26266

<211> 160

<212> DNA

<213> Homo sapiens

<400> 26266

atttaaaatg tataagcaaa agtttgtact ctgagcttgc aagcagagggc atttattaaa	60
atttcttttt tacttatttc cttttgaatg tttttaaatg atatgaaaaa gcttaagaat	120
gtggagctat gtaaaataaa aaggaagtaa cccaacctt	160

<210> 26267

<211> 345

<212> DNA

<213> Homo sapiens

<400> 26267

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atcctgggga atacgaaaag aggammaaag agaccgtaac ggggtagaca acaaaacacc	120
gccatgccac atacttaacg ttgaactaga ggaaaactct attacaagcg atacttctaa	180
tctgcttgcg gtaaagattc ataactggaa aataagcatg tgacagttct gcatttgagt	240
gtaaacttaa ctcatthaatt taaattagag tgcttttttt taacaaaggg gaaattctag	300
tartaatart ragtamtggc tgttgtagag aatgtaaaaa gmtgt	345

<210> 26268

<211> 360

<212> DNA

<213> Homo sapiens

<400> 26268

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attgtcatcg ttatcgttat cttcgtcatc atcattacca ccgttatacc tgatactgcc	120
ataacaatca gaacattatg tacaggcacg gcatactctc ccaaagatct tggccactat	180
ggactacgat ctttattttt cttggagtgg cggcaatctt gggagtaacc attggctctc	240
ttgttcattt tctggcagtt gagaagactt actattatca aggtgatttt catatttctg	300
gagtcacata cmatgataat tgtgaaaacg cagcttcaca agccagcaca aatctaagca	360

<210> 26269

<211> 411

<212> DNA

<213> Homo sapiens

<400> 26269

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tctttctttt	tctccattgt	cttatgaatc	tttattgcct	gttatttttg	taagactttt	120
acatatggca	gtgggtctgt	gactactggc	tataactgga	tctggccaaa	aaccaggctt	180
ggccagcat	taggatttgc	gtttctgttt	cgctattcca	ggtaacaata	atcaagggat	240
tatatagtaa	ctttatttat	tgtttatgta	acattttctt	atgtatccag	tgaccaggc	300
accaggagt	tggatccatc	atttctcagt	cccactggta	acttttattt	ctactaattg	360
attgtaatac	agctgtagtt	ggagctatta	tttgtaaatt	ccactggtaa	t	411

<210> 26270
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 26270	
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gcagaacgta	taggtttggt
acataggtat	atgtgtgcca
tggtgatttg	ctgcacctat
caaccgcgtc	tctaggtttt
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gtttgtccca	atgctctccc
ttcccttgta	ccccacatc
	60
	120
	159

<210> 26271
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 26271	
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ttaaagttca	agctttaaca
agattaaatt	tgaatgcaat
gataacagaa	agcaagagaa
gtgtgagaac	tctgaaagaa
gaagttcaaa	agctggatta
tctttacca	caaaaaatta
aggaagcaga	ggaagaggat
gaaaaatgta	ccagt
	60
	120
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<210> 26272
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 26272	
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aggaggcggc	gsggaggagg
agcaggggga	gggctgtcaa
attcgagagc	c
	60
	71

<210> 26273
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 26273	
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actcatactc	atwtttgaca
cttctgacat	cttatataca
gcagtgtctt	aaatcattac
aatacagtag	ttgggaaata
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atgattagt	gagctagtca
tagattcttt	gcctctt
	60
	120
	177

<210> 26274
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 26274	
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aattattata	cttgccttgg
cttttggatc	atgtttgtta
aatcttttaa	ccagatttat
ttcttcttgc	ctagagacca
ttagataat	gcagcagggc
	60
	120

cacctt 126

<210> 26275

<211> 233

<212> DNA

<213> Homo sapiens

<400> 26275

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cagatggaca gattgcaaaa attttctccc attctgtagg ttgcccgttc actctgatga	120
tagtttcatt tgctgtgcag aagctcttta gtttaattgg atcccatttg tcagttttga	180
cttttgttcc cattactttt ggtgttttag tcatgaagtc tttgcccata cct	233

<210> 26276

<211> 89

<212> DNA

<213> Homo sapiens

<400> 26276

ccttttcctt ttccggttgc tgctataaca aattactgca aacttagttg tttgaaataa	60
cattaagttt attatcttaa cggttctga	89

<210> 26277

<211> 256

<212> DNA

<213> Homo sapiens

<400> 26277

tagctagatt aacaaagaat aaaatcagag aagatccaaa taagtacaat tcgagtttat	60
aaagatgaca taacagctga tcccacagag atcctcatag aatactgtgg acaattctgt	120
gcacacaaac tagaaaatct acaggaaatt gtcaaatccc tggaaacata caacctccaa	180
agattgaacc agaagagag tgaacacttg gaacagacca ataacaagtt aggaaattga	240
atcattaage gccatg	256

<210> 26278

<211> 318

<212> DNA

<213> Homo sapiens

<400> 26278

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aaatccagta tctactcttc cctctcaacc tacttggcat cccacagcc ttggaaagtc	120
cagcactgca tttcttaatt cgtaccttcc tttccccctg agatgttcac attccatgct	180
cattttctct tgtttctcct attctttttc ctgggccatc taaacagctt aatagcttca	240
aatatcacac gtctctcaggt ctctaaacc ttgatatcct gccagctct ttctcttaga	300
aatccatatg tcaactct	318

<210> 26279

<211> 133

<212> DNA

<213> Homo sapiens

<400> 26279

cttcagctg atggaatttt aggagatttg aatgaattaa agctgcattt gtctgaagaa	60
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gccagtgaag ttactgacta gtttgtaa atattatgtgc atggtaggggt aaaaagacac 120
ttaggcaact ttt 133

<210> 26280
<211> 282
<212> DNA
<213> Homo sapiens

<400> 26280
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gtaatcctag cactttggca ggccaagggt ggaagattac ttgaggccag gagtttaaga 120
ccaacctggc caaacgtagc aagaccctgc ctctatgaaa aaaaattatt tactgaaagt 180
ctcttcacgg agctttaata ttgctaacat acattgggaa actaagaaat ggatagctta 240
agcaatgctt agaaaattct ttctgtctga aacataagaa tt 282

<210> 26281
<211> 172
<212> DNA
<213> Homo sapiens

<400> 26281
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ttgagaagag agaaacatct ttactctcaa gataatgctt ttaaattagc actttatacc 120
agggaacatt acagtgttct cttcccatat agcctgctgt ctgtcactgc ca 172

<210> 26282
<211> 151
<212> DNA
<213> Homo sapiens

<400> 26282
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gggtgcagaaa caattaggat ttttgtatct tgatgagtaa gccactgtat tttgttaaat 120
attctttgtt gtgaaatcta ctggctgaag a 151

<210> 26283
<211> 492
<212> DNA
<213> Homo sapiens

<400> 26283
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ctggttggtct aggtctaaca gttatgttct tccccctctt aagttttaat ccagggtgctg 120
gtttgccaac tgacaaaaag aaagggtggc catctccagr ggatgtagaa gcaatcaaga 180
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ctggtcagat ccctggcaga gaacgcagat cagggccac tgatgatggt gaagaagaga 300
tggaagaaga cacagtcaca aacgggtcct gagcgtgag gcagatgtat aataataggc 360
cctcttggan caagtcttgc ttttcgaaca tggataata gccttgtttg tgtagcaaaa 420
gtggaatcta tcagcattgt tgaaatgctt aagactgctg ctgataattt tgtaataataa 480
gttttgaaat ct 492

<210> 26284
<211> 194
<212> DNA

<213> Homo sapiens

<400> 26284

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tgatatgaag aaaagatgat tcttactgtg ggctttagct ttttgTTTT ctacaggggc	120
acgctgtgtg acaaagtaac ccagagtcc ccggaccaga cgggtggcgag tggcagttag	180
gtggtactgc tccc	194

<210> 26285

<211> 248

<212> DNA

<213> Homo sapiens

<400> 26285

agaaggaagt cggcaggcga gactgcagag ggagtagtgc gatcctgcgc gcgggggaac	60
tagctggagg gcaaggcggg aacaccatct attgttggg tgatcggacc taacaccagg	120
ttgtggggac aacgaagtcc agaagagtga aaggaatgag aaaagacagt ttgagagaga	180
aagtgggccc agggggccaa tgcgagtatg gaggtgtga agggcccag ccctggaagc	240
ccagacat	248

<210> 26286

<211> 171

<212> DNA

<213> Homo sapiens

<400> 26286

caaagacaac tgcaagttat aaatatTTTT tttcaaataa gtataatttc ctactgcttc	60
cctactcttc acattctttt cccagtttag cttacctagc ttttagttca gattcttctc	120
agaatcgtat ggtcaaagtc tgggtgtttaa tttcccttca tgtttcttct c	171

<210> 26287

<211> 293

<212> DNA

<213> Homo sapiens

<400> 26287

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ttactggtat aaatagtatt tttctaattg ataatttca atgtaaatgc aaagatggta	120
cagtgtagag tttctgtttg gataattggg tggtcattac ttttatcttc ttgattttat	180
ttttttaaat gtctttaatg gtgatttttt ttacttttat aattaavaaa aattaaaagt	240
gacaacatat atgtatagta attaagaaaa atatcttctc gaattggggc gct	293

<210> 26288

<211> 215

<212> DNA

<213> Homo sapiens

<400> 26288

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ctttggggcc ctgaggctgc actcaaattg gattatggtc agttgtctga tggagctttg	120
tgttgtcacc acaacttggt tttacacagc cccttcagcc tccctagggc atcattttca	180
gggctttgct cactgtttga catctttccc cacat	215

<210> 26289

<211> 462
<212> DNA
<213> Homo sapiens

<400> 26289
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gcttccaccg catcatcccc cagttcatgt gccagggmgg tgatttcama aaccacaaat 120
ggcactgggg gcaagtccat ctatgggaag aagttcgatg atgaaaactt tatcctcaag 180
catacgggac caggtaggag ccagttggca tgtggtgacg agggaggctg ggcaagggtg 240
ggatggccag gcaggatgga aggacaggtt gtagttctgg ctggcggaca ctaagagtct 300
ggaggagacc cagccaccag acataggaga accatgcagc cttgctaggg tggagtwngc 360
ttgttgacat tcaggtactg ttcaccccc aaccgtgtcc acaattccta ttagccccgc 420
ttggattctg tgggtctgctg ttgcaggctc ttatgctctc aa 462

<210> 26290
<211> 357
<212> DNA
<213> Homo sapiens

<400> 26290
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tctggattgc atgatataat agagactggg ttggctctga agtcagacta cctaagctga 120
attmtggmtc ctctatttac ctgcmatgtg accttgggma aacagtctgt tgttagtttt 180
tttatctata aattgaagat aatattttct ttgcctcata ggaaaactgc acatgtaaga 240
gaaaatgaaa tgtcataaac cgagtgtacc tgtgtaactt gcacttaaata taaaaacaaa 300
aacagaacat tatcagtatc ccaggaggtt ttacattct ccattgtgtt gtttcga 357

<210> 26291
<211> 190
<212> DNA
<213> Homo sapiens

<400> 26291
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ctgattggta tgttttctaa cttttgtggg tacatatact gctgctataa agctttgtgt 120
scgccacttt ttttttcaga ataaaatcta aggtctatgt taaagagtat accagattaa 180
naccgcttg 190

<210> 26292
<211> 256
<212> DNA
<213> Homo sapiens

<400> 26292
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taatttttaa gaataaaatc acagtgtcat catagatata ttacttttva gttatatatc 120
acataatgat tlycttgta atagatgttt tagttaaatt atgaggaatg gctgctgaga 180
tttgagtggt gacattatct tttatctcta tagttaatca ttcctattgc cttgaagtca 240
gaataaaaaa accccc 256

<210> 26293
<211> 325
<212> DNA
<213> Homo sapiens

<400> 26293
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 cccgccacca tgcccagcta atttttgtat ttttagtaga gacgggggtt caccatcttg 120
 gtcargcytg ggtytsgaac tcctgacctc gtgatccacc tgcctcggca tcacaaaatg 180
 ctgggattac aggcatgagc caccgcgtcc agcctagagt tgggggtctt tctatgttgc 240
 ccaggctggg cttgaactcc gggcctctag caagcctctc atctcagcct cccaaggtct 300
 ggaattacag gtgtgagcca ctgac 325

<210> 26294
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 26294
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 tttctgttta gaaaatgtca catctataca catatatgtg catgtatata gatattttatg 120
 catacatagt gtgtgcatgt gtgtatgtat gtgtatatat aacacacatg cacattacat 180
 atgcataaat gtttwaattt aataatattt atatgcatca atrtcttara gatatatata 240
 tatcattagc tggaagctgc ctgg 264

<210> 26295
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 26295
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 agcacttttg gaggccgagg tgggtggatc acctgaggtc aggagtttga gaccagcctg 180
 accaagatga tgaaaccccg tctatactaa aaatacaaaa attagccggg tgtagtggtg 240
 catgcctgta atcccagcta ctccgtaggc tggggcagga gaatcgcttg aatccgggag 300
 gtggagattg cagtgagccg tga 323

<210> 26296
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 26296
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 gtatctacaa tttggtacct tttagagaaa tttacggaat aatagtaaat tttgaagcag 180
 gatgccatca gtctccctgt 200

<210> 26297
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 26297
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 agcatcaaag caaagttcca ggctctcag ccggagccca gcgacctgcc caaaaaacct 120
 ccgaagcctg agtttggtaa ctgaagaagt tttcccagcc tgagctaagc gagcacccca 180

agaaggcccc gctgcctgag tttggtgcag tgctccttgaa gcccccgccg cctgaggtca 240
ctgacctccc caagaagccc cc 262

<210> 26298
<211> 158
<212> DNA
<213> Homo sapiens

<400> 26298
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tctttataga aatgtactgt acatttggaa tatgtagaaa atggggaaag caatcaaaaa 120
gaaaaaattc agatttctcc actcagagat gacactgc 158

<210> 26299
<211> 160
<212> DNA
<213> Homo sapiens

<400> 26299
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gtggccctaa ggattaaaag ttcttttttc tgcccagccc 160

<210> 26300
<211> 426
<212> DNA
<213> Homo sapiens

<400> 26300
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rrctaatycc magctgttgg acctgcwgcc ttagaaccac agattgagac ctccctgtcc 180
cctctgtcag accagamcag ggcaggcagt atatttgcac gacgcaggat gattgacact 240
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tggaagcagc atagtttatg gtgaagttct ggagtcctgc tcggwacaah bnagtttcca 360
acatttacta gctctgtgat actgggmagt cgtagaaaag amtgccmgtt ctgggacatc 420
aaaacc 426

<210> 26301
<211> 294
<212> DNA
<213> Homo sapiens

<400> 26301
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tattcccata gcacagccat gttatatctc tatttatact ttcattttga tactttgcta 120
tatttttaatt atggatttac atgcctgtct ttcctttgag gtgttattaa tcgtttttgt 180
atgcccctgg gcctagtcct agcatagtac ctactacata gtaggtgctg tgcaacaaat 240
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<210> 26302
<211> 395
<212> DNA
<213> Homo sapiens

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gatttcacag tgatttcctg actgtgatac taaaagcaca ggcaacaaaa gcaacaatag 120
acaaatggaa ctgcatcaaa cttaaaatct tctacacctc aaagaaagaa gccagcagag 180
ttgtattagt ttttacactg ctgataaaga catacccgag actgggcaat ttacaaaaga 240
aagagattta ttggacttac agttccatgt ggctggggag gcctcacaat catggctgaa 300
g 301

<210> 26307
<211> 112
<212> DNA
<213> Homo sapiens

<400> 26307
atattagggt tatatattct gggaatttag tatgtgtgtg tctgatagag agatgggggtt 60
ctctttttat acaggagagt ggagaggtt aatttatatg tattagaggc aa 112

<210> 26308
<211> 227
<212> DNA
<213> Homo sapiens

<400> 26308
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tcagctgaca ctaccagac cagtaatctg gctcaaccag tctgcgatc ccaccagga 120
acagaagaca gcaagaaaac ctcacttcaa cactcccgtc gatgactcca tcgacctcag 180
gaagctccaa ccaatcagca ctcccactt cctgagcccc taccgcg 227

<210> 26309
<211> 430
<212> DNA
<213> Homo sapiens

<400> 26309
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cctggagaag tccttattga ttgttttagat tccattgaag acaccaaagg aaataatgga 180
gatagagaaa ttacgaggcc aaactgaagc tctctatata ctaacaaaat gtaacagtac 240
tcgttttgaa tttatattta caaatttggg tcttggaagc cctagacttt ttacttctgt 300
gatggcagta cacagagctt atgaaacttc taaaatgtat cgtgattttr wattaagaag 360
tgcactaatt cagaacaagc aactaagact gttgccacaa gaacatgtat atgawaaata 420
aatggagttt 430

<210> 26310
<211> 109
<212> DNA
<213> Homo sapiens

<400> 26310
aaaggaaaaat aaagttagtt ctttttgggt ggaaagaaga tttcatgtta tctgtgtttg 60
caggcctttct ggctcatctg ctggaggaaat ccttgctgctg ggggtggcg 109

<210> 26311
<211> 409
<212> DNA

<213> Homo sapiens

<400> 26311

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ttcatccttc	gcttgaacac	tttcttaaag	gactaaaact	taagatgtct	gccagtagt	180
tagtaatgac	tccaacaagt	ttcaaagttt	tgtttaggtt	ggcttatttt	tatttttagt	240
ccttaatcat	aattaaaaga	tatggccatt	tctgatgaac	tgcaactact	ggaggtctac	300
ctgacagatg	agtttgctaa	aggaaggaaa	gtggcagatc	tctacgaact	tgtacagtat	360
gctggaaaca	ttatcccaag	gctgtaagta	attacaaatc	agagaacta		409

<210> 26312

<211> 301

<212> DNA

<213> Homo sapiens

<400> 26312

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cagtcsthgt	tcattgccat	gtcatagacc	acaagtagaa	tgagtagaaa	tttagagact	180
ggagagctct	ggggtttggg	tatctgtgtt	aggttcagga	atgttctggg	tgatggggca	240
ggactttttac	tcaacttgta	gagtattagt	atactgtgag	aggtaatcat	taatggcaca	300
g						301

<210> 26313

<211> 103

<212> DNA

<213> Homo sapiens

<400> 26313

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cggaaagtta	aaatgtcacg	tcttaatttc	arttttccta	atc		103

<210> 26314

<211> 361

<212> DNA

<213> Homo sapiens

<400> 26314

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ctatcaggtg	gttgatgca	tgcacaccta	cccccaatat	ggacgtgtct	caaaaataatt	180
tgctaaatga	aagaagccag	tcaaggaaa	aggacctact	gtgagattct	gctgacatga	240
aatgatgcca	tttacacata	gtttcattgt	ctctccatt	tatttcatta	attaatttat	300
tttttggaga	tgaggttttg	ctctgttgcc	caggctggag	tgacgtggca	caatctcggc	360
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<210> 26315

<211> 146

<212> DNA

<213> Homo sapiens

<400> 26315

ctaagtgcta	ggcagtacaa	tgacagatag	atttttcttc	tgccctgatg	gggtttacaa	60
------------	------------	------------	------------	------------	------------	----

aggtgataag taaaatagtt acagattatg ctagtgccat gtaggatagc atactgtttt 120
agactttact gtggatagag atgggt 146

<210> 26316
<211> 193
<212> DNA
<213> Homo sapiens

<400> 26316
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tatattactc tatataagca gtcttgcaat aactaatcac caccatagaa gaaagaaaca 180
gactgcaagg atg 193

<210> 26317
<211> 305
<212> DNA
<213> Homo sapiens

<400> 26317
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atgaagtcac acaaccacta gcatcacaat aagtaggtag agtatttcta tcaactcccc 120
aaagtccctt aattctcctt tatagtcaca tcttcccacc acctcaaaca cttggcacca 180
ctgatcaatt tttttgtctg tatagttttg ctttttccat aatggcatta tgtagttttt 240
tgagtttagc ttcattcact tagcacagtg catttcagat tcaatcatgt tgcttcatac 300
aggtg 305

<210> 26318
<211> 424
<212> DNA
<213> Homo sapiens

<400> 26318
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gcccattctc ggcttactgc taccttggcc tcccgtttca agtagttctc ccacctcagc 180
ctcccgggta gctgggacca caggcatgca ccacctgccc cagctaattt ttgtattttg 240
ggagagacgt gatgtcacca ttttgcccag gctggtcttg aactcctgag ctcaagccat 300
ctgccacact cggccttcca aagtgtctgg atttcaggcg tgagcamkra cacctgggtc 360
agtttccctt attattaaca tcttacatta gaatggtaca tttgccataa tkahnbaagc 420
catt 424

<210> 26319
<211> 229
<212> DNA
<213> Homo sapiens

<400> 26319
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aaagaactag agaagcaaga gcaaacaaat tcaaaaagcta gcataaggca agaaataact 180
aagattagag cagaactaaa ggaaatagag acacacaaaa ccctccaaa 229

<210> 26320

<211> 390
 <212> DNA
 <213> Homo sapiens

<400> 26320
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 gtctcgaact cttgagctca agcggctctgc ctgcctcggc ctcccaaagt gctgggatta 180
 tagggatgag ccaccgcacc cagccttagg tacccttttg atttggttcc agagagggct 240
 cttttagtta ggaaggccat taatgttagt gttacttctt ggtaaattga tcactccttt 300
 gtttcactga gcatccaaat catgctgaca aagttagtct ttattcaagg ataaaaccta 360
 tgctggtttt atcagttccc ccctattvbd 390

<210> 26321
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 26321
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 aaccgaacca aaaccatsaa ataattaaca tgcgttctca aaaatatatg cacatttgta 120
 tgctgcaaaa tataacacat gttgagagat aaaaagagct acataaatgt agactcagat 180
 ctacatattc agcacaactc cagcccat 208

<210> 26322
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 26322
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 aatctgaagc agcagaacct ccaaaaaactc caccctcatc ttgtgattcc accaatgcag 120
 ccatcgccaa gcaagccctg aaaaagccca tcaagggcaa acaggccccc cgaaaaaagt 180
 aagtgcccc a ttcagtcctc ttctaactg ggagcagttt ggttcctctg atgccaggga 240
 a 241

<210> 26323
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 26323
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 gtaacactca ctgggaatgt ctgcagcttc actcctgaag ccagcgagac cacgaaccca 120
 ccaggaggaa caaacaactc cagacgcgca scctaagagc tgtaaacactc accgcgaagg 180
 tctgcagctt cactcctgag ccagccgc 208

<210> 26324
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 26324
 atcgcmctct gygactggct gcgaycgagg gcccgggcgg ccggccagcc gwctcgcc 58

<210> 26325
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 26325
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 agtgcaatgc cgtgatctcc gctcactgcc acctccgect ctctagttca aagcgatttt 120
 cctgcctcag cctcccaggt agctgggatt ccaggcgccc gccacct 167

<210> 26326
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 26326
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 gagtgtcacc tggagtgtcc aggtatcttt ttatatcagg aagtgcagtc agtgagtgtc 180
 gtgggtccca cctgtggggc acctgccttg atgtcaggaa cacctcagcc ttctagtctc 240
 ggagacaaac cagccagtgg caggaaagta aacaggattt cgatcagaky ccatctgtcc 300
 tcatcccgtg actaggaatg gccaaagtctc agcccagaa 339

<210> 26327
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 26327
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 gctgtcgcag caacataccc atatcaagtc gtaagagctc gtcttcagga tcaacacatg 180
 ttttacagtg gtgtaataga tgtaatcaca aagacatgga ggtgagagca cgtgctatat 240
 caaaaattgc tttgacaagg taccttgcat atcttagacc atcctgttga tactagtttt 300
 atagcaaagg ccagtttgta gnnhgtgaaa rctttnttgg tggteccctgc tttcccagtt 360
 attacgtatg tgaccatggc cttaatctct ctgagactta atttcttcat ttgtaaagta 420

<210> 26328
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 26328
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 tttgtgtatt taaccatata aggtactatt atagcataag aatctcctgc caccatccca 120
 tcaccaattg atcatttaat gatcacttca actttatatg cattgtaccc atttttggat 180
 agag 184

<210> 26329
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 26329
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tcgtcttga tggccacaag ggtctcactc tgtcaccag actggagtgc agtggtgcaa 120
tcttggtca cagcagcctc aacatcccag gctcaagtga tcctcctacc tcagcctccc 180
tagtagctgg gactacaggt atgcaccacc acacttggct aatttttaaaa aattttttgt 240
agaaatggat ctactatgt tgctgaggct ggttttgttt ttttttt 287

<210> 26330
<211> 212
<212> DNA
<213> Homo sapiens

<400> 26330
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cacttcaatt tttttagttg tctcccagag ctccgtggaa tttcctttct ctgctttaac 120
gtacttttaa aaggtaattt tactaaaaaa tgcataatgt aaaaagatga aataatataa 180
aagggcattgt gacaaaatgt ttttcccacc ct 212

<210> 26331
<211> 103
<212> DNA
<213> Homo sapiens

<400> 26331
tyaattctyt gaaaaacctc cacactgttt tccatagcag cwgcaccgtt ttwattccta 60
acagcgtaca agggctccaa cttcttcaca tcctcaggag cat 103

<210> 26332
<211> 181
<212> DNA
<213> Homo sapiens

<400> 26332
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tcagttaaaa tgtctgtttc aatgacctgt attttgccag acttaaatca cagatgggta 120
ttaaacttgt cagaatttct ttgtcattca agcctgtgaa taaaaaccct gtatggcact 180
c 181

<210> 26333
<211> 338
<212> DNA
<213> Homo sapiens

<400> 26333
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tgatgtgaaa ggatgtcttt tatttcttct gatattgaag tggcttagga aaacagacct 120
aaactaagaa ggtgtagaaa tgtgagactt gtttggtttg ttgtttgttt gtttgagacg 180
gaatctcgct ctgtcgccca ggctggagkg cagtgggtgca atcttggtc actgcaaggt 240
cgcctcctg gggtcatgcc attctcctgc ctacgcctcc tgagcagcta ggactacagg 300
cacgtgccac taggccagc taattttttt ttttttt 338

<210> 26334
<211> 398
<212> DNA

<213> Homo sapiens

<400> 26334

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ctgcattaag	ctgtcttctt	tgtgtaacct	ccttccagtg	acctcttggt	cctttctccc	180
aaatcaagat	ggtttctttt	taaaaatagt	ttaaattcat	tcttaagata	aatgaaagta	240
gagtctgagg	atatatttaa	tcccttttaa	ttttacctct	gctctccttt	tcacccatcc	300
ttcatcacta	tccacagttg	aactaggcat	cttattcctc	ttctatwatw	tttcttagcc	360
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<210> 26335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26335

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gggcctgaag	cctaaggtag	tagtggccat	ggctgctgac	aaaagtagca	gagcctcttt	180
gctggaaagc	ttccccattc	tcaattttaac	cctgtaagac	tcttgctcat	taaaatctag	240
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<210> 26336

<211> 178

<212> DNA

<213> Homo sapiens

<400> 26336

atgttatttc	acaataattt	ttggaaattt	tctgttttag	tctatgtgag	tcatgtaaaa	60
attataaaaa	cttttaggaa	ctcaagcagc	cttcaatcag	tgaaagaact	gttttagcatg	120
ataatacaaa	aataaaacct	atagtatttt	ggcaccttat	aaagctcccc	tttcgcct	178

<210> 26337

<211> 148

<212> DNA

<213> Homo sapiens

<400> 26337

gtcgggtgaag	cggcagtkgc	ggcggcgggc	gcggctcggc	aggcggggtc	aggcttcggg	60
ggccagaaac	aaaccggaag	cagtagargt	aacatttgca	gatttcgatg	gggtcctcta	120
tcatatttca	aatcctaatt	gagacact				148

<210> 26338

<211> 209

<212> DNA

<213> Homo sapiens

<400> 26338

aatattgatt	ggacaattgg	aggcatgagt	tctcagtgtg	tcttggtttt	gtaccattgt	60
caatgtattc	aagtcagtgt	aatgaatgat	gtggctaggg	acccatgttg	agtcatttgg	120
aagaacattg	caggcacctt	ggtttttaga	aaggctaatt	atcctgggtg	tctgtctaaa	180
ggttcagagc	aattgaggag	cctactgct				209

<210> 26339

<211> 248

<212> DNA

<213> Homo sapiens

<400> 26339

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cttcttccca	cgatttctgt	ttttgcttct	ccaaggaaaa	tggcagctcc	cgagcagccg	120
cttgcgatat	caaggggatg	cacgagctcc	tcctcgcttt	ccccgcctcg	ggcgacccga	180
accttctggg	caggcacctg	ccggctgagc	ttactgctga	ggagaaagag	gacttgctga	240
agtacttc						248

<210> 26340

<211> 273

<212> DNA

<213> Homo sapiens

<400> 26340

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tatcccagac	agaaactctg	tatcctttag	aaaataaatt	cccattctct	ccttacccca	120
gcccctggta	acctctagtc	tactttctgt	ctctatgaat	ttgcctattc	taggtaccat	180
gtataagtga	aaacatgcaa	tattcatctg	tccttttgtg	tgtctggcct	gttttactta	240
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<210> 26341

<211> 328

<212> DNA

<213> Homo sapiens

<400> 26341

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ggctgggatt	acaggtgcct	gcccccgctg	ctggctaatt	ttttgtattt	ttgggtggaga	120
tggagtttca	ccatcttgge	cgggctgggc	ttgcactcct	gacatcatga	tccacccgcc	180
ttggcctccc	aaagtgcctg	gattacaggc	gtgagccacc	atgcctgacc	catcatagta	240
gattcttaag	gatgctttct	acaaatgcat	tgtgctagtt	ggatatcttt	tggcatgatt	300
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<210> 26342

<211> 223

<212> DNA

<213> Homo sapiens

<400> 26342

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ttctctctgc	tgtagacaac	cacgaatctt	tctctaaagt	tttgtctgtt	ctagaccatc	120
atatgaatgg	aatcatgcaa	aatgtggctc	tttgtgactg	gcttcttttg	tttaacataa	180
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<210> 26343

<211> 391

<212> DNA

<213> Homo sapiens

<400> 26343

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ctaattacta	attggtgttt	tgagaagcaa	aaagcatcta	cattatcaca	atatattaca	180
tattaagtaa	tttttatctt	gaaaggagta	tgaaccatga	tgtgaaatga	tgagtagtgg	240
aaatcactaa	tacttaagtt	cattatatgt	atttbytgtt	ttgtwttgtt	ttgttttgag	300
atgacatctt	gctctgtcgc	ccaggatgga	gtgcagtggg	rmggtctcgg	cttactgmaa	360
cctccacctc	ccgggtataa	atgattctcc	t			391

<210> 26344

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26344

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cggccaggat	gggccggaag	gtgaccgtgg	ccacctgcgc	actcaaccag	tgggccctgg	120
acttcgaggg	caatttgcaa	agaattttta	agagtattga	aattgccaaa	aacagaggag	180
caagatacag	gcttggaacca	gagctgga				208

<210> 26345

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26345

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aaataagtat	tatttttgat	gcttctctaa	ggaattgttt	ttcttttcct	tttttttttg	120
agacggagyc	ttgcycgtgm	accgcbactg	ga			152

<210> 26346

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26346

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tcctcttccc	cctcctccct	gtctgttccc	tggcagatca	ggctcttcac	gcctctttca	120
cataccccaa						130

<210> 26347

<211> 427

<212> DNA

<213> Homo sapiens

<400> 26347

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tgacctggaa	atatttccag	agttaggtaa	cagacagaat	accttcctca	ttctcagctg	180
ttattttgga	acagagaact	ttacaaaagc	tttgtctttg	taaataataa	aatgttacac	240
actgataaaa	agtattccag	aaaccaaaca	cataacacca	ttttttaatt	ttagaaaact	300
gccattgctc	ttacttagaa	tgccagtgtt	ttctgaagg	tcaaaacact	gaagttacag	360
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<211> 381
<212> DNA
<213> Homo sapiens

<400> 26348
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tgacacctca gccagggtctc ctaacatttc accagaaacc tctggaaaac tgaaataaat 180
gtccccccagc ccattttacaa ttgccccccct ggtggtggaa tccaagccca gcttcccttt 240
tgctgaatcc tgctttctag aaataggctg ccagtgaag atgtgtgcaa gtgtatatag 300
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<210> 26349
<211> 181
<212> DNA
<213> Homo sapiens

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acacttatgt agacttgata aacactgtac acctagccta cactaaattt ataaaaagta 120
tttttttatt caataataaa ttaacgctag cttactgtaa ctttttaatt taacagactt 180
g 181

<210> 26350
<211> 141
<212> DNA
<213> Homo sapiens

<400> 26350
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ggatattgtg aatcaagttc ttgatgaaat tgggaattgaa atttctggaa agatggccaa 120
agctccatca gccgctcgaa g 141

<210> 26351
<211> 196
<212> DNA
<213> Homo sapiens

<400> 26351
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ttgtgttttt attgccaggc aataagtgtg atcattgttg aacttcagct ccagtgtctc 120
tccagaataa gacattggca ttcaaattgc tatactctgt tacttacaaa ataaaaaaca 180
gataattagt ggctga 196

<210> 26352
<211> 302
<212> DNA
<213> Homo sapiens

<400> 26352
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gcagaaagtg tccttttagt ggcttcttaa aattgagtgg cattttataa tgaacttacc 120

aatataaaaa catgatttgg ttcctgagct gttgttgttg gacttgtgtt ccaatgagtg 180
 actaggaaaa aataaattgg caaaaaccta gagttttctg ctatctttgc tggaaatgag 240
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 cg 302

<210> 26353
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 26353
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 gacaccaaag aaattcagtc gaacagccca ccagttctct ccatagggac ctgggtcccg 120
 tgaatgctgg ttatctcaca ccctgaggaa taaagattgg aatccgcact ggatgctgga 180

<210> 26354
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 26354
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 tgggctcaag caatcctcct gactcagcct cccaagtagc tgggactaca ggcattgtca 120
 actgatcaca ggtctttctc attccctgaa cttcgccctg gaacttctct ccgtaaaaga 180
 tgttgcccac ttgccatttc taggcagta g 211

<210> 26355
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 26355
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 acctgcccc aaagcccaca gaactggccc ccaagcccca aattggagat ttgccgccta 120
 agccaggaga actgcccccc aaaccacagc tgggggacct gccacccaac cc 172

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 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 26356
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 cctcatgatc cccctcctc ggccctccca agtgctggga ttacaagctg gagccaccgt 120
 gcccggtac ctctgtaaat tttttatgca aaattgtagg tgtttgggaa aagattcgat 180
 tttcagagaa cttatctcc aaaatgggtc taatctactt ctctaggagc acaaaatggg 240
 cttacgtagc tgcaaggcag ggaca 265

<210> 26357
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 26357

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tctcttgga	tcattctgaac	tatggggcta	acttactctc	actctactac	aaaaatttaa	180
ctaacaggaa	taatcgtaaa	gcaaacattt	taagtgtatc	ctgaataaaa	aattgtctcc	240
atgcttctcc	attctgcttt	ctcatcttct	aacaaaaact	accagaagag	actaaggact	300
aaattttggg	acagctt					317

<210> 26358
 <211> 94
 <212> DNA
 <213> Homo sapiens

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<210> 26359
 <211> 215
 <212> DNA
 <213> Homo sapiens

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aaacactttg	attgatttcc	caataccttc	taagcaaaaa	ttgtcagtag	tttgccctgtc	120
tttaagaggc	ctttactaac	tggcctctcc	ttattagctt	tatttgcccc	aaatctgaac	180
tcaccttgta	tttttagcaa	atactcagca	cccc			215

<210> 26360
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 26360						
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actctaccct	ggaggaghtt	ctggggcagt	atcaacggag	tctccggggg	tggtcttgca	180
gaacatgcc	gcagaagcat	tcaccaactg	acatgtgcc	tgaaagaagg	cgatgtcact	240
attggagaag	atgcaccaaa	tctttctttt	agcaccagtg	tgggaaatga	ggacgccagg	300
acagcctggc	ccgaattaca	acagagccat	gctgttaatc	agctcaaaga	tttgttgccg	360
caacaagcag	ataaggavta	tgaagtatct	ccgtcaagaa	gaagaaaaat	gtcccccttg	420
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<210> 26361
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 26361						
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tatgtccgaa	ctaacttaga	agtttctgtt	aacaggccat	aaatatataa	cgacagaaat	120
ggcattttat	ggtagggttag	ttttaaagct	tcccgacccc	a		161

<210> 26362
 <211> 307

<212> DNA
<213> Homo sapiens

<400> 26362
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ggggtagtaa gcagtttttg gtgaggaaaa ctgttcacat ttaaccccc acctccccca 120
aaaccctaca gatagataag agttaaatat aaaaaaatca aaacaaaaaa taggatttgc 180
tgattcctct gggagatgga aactttccaa agtggaagca gttggaaaaa taaagagaga 240
aaaatggaca gattccacta gaaatacgtg cagtgaaaac agggaaagca grcaaaaagg 300
ggggctc 307

<210> 26363
<211> 158
<212> DNA
<213> Homo sapiens

<400> 26363
gcacacacat tctcctgagg gccngtgcct ggaaacaaag gccacccccg ccggccggaa 60
acttctaggc tggcaatgga gatgggacat ctggtgaccc cctctgtatc ttcctctccc 120
ttggggtcct ccaggaaggg ctgcgtgatac aatgaccc 158

<210> 26364
<211> 159
<212> DNA
<213> Homo sapiens

<400> 26364
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cctataggac attatgctaa gtgaaataag ccagtcacaa aaagacaaat accgcatgat 120
tccacttaca tgaggcaggt aaagtaggca aattcacag 159

<210> 26365
<211> 227
<212> DNA
<213> Homo sapiens

<400> 26365
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acctgtttct cctctccttt tctccaatgg ctcagcaatc atttgggcct gacttttata 120
tactcaagtt attagaatct cttgagttgg gagctaaatg ttaggaccca tttcttccac 180
cttattttgtg gagtgtcttct ttttatgtct cccattctga gtttaacg 227

<210> 26366
<211> 247
<212> DNA
<213> Homo sapiens

<400> 26366
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ttccttcttt ctcaactgtc ctggaaggaa atggactagt gccttacctc tgactcttcc 120
gcagcacaca cccaccacca gagacagtaa ctgagatctg cagtagcaca gaaacttaca 180
ggttagaaaa attagacacc taaggatttc atgactccag acctgtttcc ttagcataat 240
accacac 247

<210> 26367
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 26367
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 accttgagta aatgtgtgta atttctgaac tgccattttt aagatttgat tccaaaccta 120
 tcccattctt ttacttgaag catatgcctc tcaattatag ctaacatcct ggttctttgc 180
 ccaagcctct gaggcacagt tatgtaatcc ccattcttat aaagaggctt gtagaggtta 240
 atttgcaact tcattgtaga gagagagagt aatcagcccc tcg 283

<210> 26368
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26368
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 tattttttat atttctaaat gcaaaaagct cattttgtta cttttctcat gaaatcatag 120
 tctgtgcg 128

<210> 26369
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 26369
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 ttgggacacc accccccccg gccccaccag agggcatcag ctatgcctag aaggggacca 120
 caacagactc gacaggatcc accggttggg cccaaggcag gaggaagggc ggcgccccaa 180
 actcccagga cgctgcagc ccc 203

<210> 26370
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 26370
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 tgctgtgcc tatg 134

<210> 26371
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 26371
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 tttttccaga tgttctcct ctacctcccc 90

<210> 26372
 <211> 130

<212> DNA
<213> Homo sapiens

<400> 26372
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tggcgcgcatc tcggttcact gcaatctccg cctcccgggt tcaagcgatt cccctgcctt 120
agcctccaag 130

<210> 26373
<211> 153
<212> DNA
<213> Homo sapiens

<400> 26373
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ccctcagggg acttacagcg ggagaacggg aagcaggcac atcttaggag gaagactgca 120
taagaggaaa tgctacatac tttttttttt ttt 153

<210> 26374
<211> 219
<212> DNA
<213> Homo sapiens

<400> 26374
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taatatgtga taatttcata atacaaccac actgatctag acacttattt gttgtaggaa 120
acttaagatt ggtcttttaa gtgctagagc tctaattttg atgaacgtta tatcttgaat 180
gtactacgta actcccacct atgttaaacc cgacagtta 219

<210> 26375
<211> 236
<212> DNA
<213> Homo sapiens

<400> 26375
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taacagcacc aaatcaaaat ctctccactt tcagctgtct tttggaggac gtacgtaata 120
aggttttaat ttagtaaacc aatcctatgc atggwttcag cactagccaa acctcaccaa 180
ctcctagttc tagaaaaaca ggcacttggc agccttgtga tgtcatacag agaagt 236

<210> 26376
<211> 242
<212> DNA
<213> Homo sapiens

<400> 26376
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aammttggtta tawaagagcr ggcaaggccc ggacctactg ggaacaagag atggaagagc 180
tgacttgacc gcgagggggag atgctttttg ggctggaggg cwwgtgacat gaataggatt 240
at 242

<210> 26377
<211> 368

<212> DNA
<213> Homo sapiens

<400> 26377
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tgtaasactc actgggaatg tctgcagctt cactcctgaa gccagcgaga ccacgaaccc 120
accaggagga acaaacact ccagacgcgc ascttaagag ctgtaacact caccgcgaag 180
gtctgcagct tcaactcctga gccagccaga ccacgaaccc accagaagga agaaactcca 240
aacacatccg aacatcagaa ggagcaaaact cctgacacgc cacctttaag aaccgtgacm 300
ktcaacgcta aggggtcgcg cttcattctg gargtcagtk rrgacwagga acccaccaat 360
tcsgacac 368

<210> 26378
<211> 154
<212> DNA
<213> Homo sapiens

<400> 26378
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tttattttgt gtgtattgtg cacagcttgg gggggcgagg aaatgcacta attgtgctct 120
tccttataaa tggtagatat tactgacaca gacg 154

<210> 26379
<211> 122
<212> DNA
<213> Homo sapiens

<400> 26379
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ctattcagat cttttgccat tttaaattgg gttatttatt tatcattgag tagtaagagt 120
tt 122

<210> 26380
<211> 282
<212> DNA
<213> Homo sapiens

<400> 26380
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gggatccagc gatgggatca gtcagatgcc tgccctggcg ctcctcgtga ggggacttgg 180
gtcctcttta gcattggcag gccggtataa acttcgggct cagatcgagc tatgcctgat 240
gctgccttaa gccttatgag gtcgccatgg aaccgcagaa ta 282

<210> 26381
<211> 118
<212> DNA
<213> Homo sapiens

<400> 26381
gaaccacacc agatgctgct ggcacgtctg cacgaggact gagaactgac gagtgggttt 60
ggcgatgaga acgcccaggg ggccttggca agcagtttta gcgcagtgag ggcggaac 118

<210> 26382

<211> 128
<212> DNA
<213> Homo sapiens

<400> 26382
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cataatagaa aacacaagca tttgaccaa tgagatccat tcagcgacta acctggcaag 120
gcactcgg 128

<210> 26383
<211> 143
<212> DNA
<213> Homo sapiens

<400> 26383
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tagacacttg cacacatttc taggagagga attgctagtg tgtagggarg gwatgcacat 120
gatcagtgat agtagacatt gcc 143

<210> 26384
<211> 136
<212> DNA
<213> Homo sapiens

<400> 26384
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gcacgtcctc acgtatgact acactacca gaagtctcct cttcacgtcc cagcgcgggg 120
gggcgccgac ggccat 136

<210> 26385
<211> 301
<212> DNA
<213> Homo sapiens

<400> 26385
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ttctcctgtt ttatgtgcta atcttttctt agaccattat ttcatagcaa ttataatgct 120
tggtttatTTT ttatttTgtgT aattggTtga ctgtcaatca cagtagaccc taaaatccat 180
gaataaatga gccatgtttt atttttcaca gcattatatc tcaatatctt acttagcata 240
ttgtatgtag tcaataaaaa gattgaatta ataagaaaaa agatccataa actgatgcc 300
g 301

<210> 26386
<211> 154
<212> DNA
<213> Homo sapiens

<400> 26386
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acaagtcatc ttttcctttt catttaatcc ttggtttcta gagacattct gacttttgat 120
gttgctggaa gatttcaaaa aattactggg ccga 154

<210> 26387
<211> 238

<212> DNA

<213> Homo sapiens

<400> 26387

gcaccatttg	ttgaaagggg	tgtcctttat	gtttttgttt	gctttgtcga	ggatcagttg	60
gctgtaagta	tttgggttta	tttctgagtt	ctctgttcca	ttgatctatg	tgcctatatt	120
tataccagta	ccatgctgtt	ttggtgactg	tggccttata	gtatagtttg	aaatcaggta	180
gtgtgatgcc	tccagatttg	ttctttttcc	ttagtcttgc	tttggctatg	cgggcttt	238

<210> 26388

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26388

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aatttcagaa	ctcgggctgg	gtgcagtggt	tcatggctgt	aattccagca	ttttgggagg	120
ctgaaacaag	cagatcgctt	gagtcaggga	gttagatggg	caacatagtg	aagccctgac	180
tttacaaaaa	aaaaaaa					197

<210> 26389

<211> 302

<212> DNA

<213> Homo sapiens

<400> 26389

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gcatttccat	tttgtgcttg	ccccacaaat	tatgtagctt	gtcctgccag	ggagttcagg	120
ctgagtttgg	gacggcttca	tccccaacac	tggccttgca	gcctccactg	tccccatcct	180
aatccacagc	ctcccactaa	atgccagcct	gctgggtgtca	tcctcctgca	tggaggcccc	240
ctccccacag	tgcttgagtg	tacagcattg	ccctgccaaag	ccagcagcta	ctaccgcgca	300
tc						302

<210> 26390

<211> 172

<212> DNA

<213> Homo sapiens

<400> 26390

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ctactactgt	gtaaataggt	tacaccccag	ttgaaatctt	tgcaaaggtc	ggttctattc	120
agcgaacagc	actatagcaa	aagaagatcg	ttccatattg	tacgccccag	ta	172

<210> 26391

<211> 97

<212> DNA

<213> Homo sapiens

<400> 26391

catttccaga	aaaaagaaat	ctcgtgggag	ctactgagtt	ctcttttctt	tctaggcaga	60
taagggtcatg	gggaggagga	ctgcacacac	cccctac			97

<210> 26392

<211> 142

<212> DNA

<213> Homo sapiens

<400> 26392

accagatccc agaggctgaa cagctcgact ttctctgcac agcaggtcca gcaccccttg	60
aaacatgagt tcttaccagc agaagcagac ctttacccca ccacctcagc ttcaamagca	120
gcrpgtgaaa caaccagcg ca	142

<210> 26393

<211> 131

<212> DNA

<213> Homo sapiens

<400> 26393

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catacagtgg aataaaggaa taggagaaac atcaattttt gcttttataaa ttcctaacat	120
agctggagcg a	131

<210> 26394

<211> 76

<212> DNA

<213> Homo sapiens

<400> 26394

aaratatttt catttaaagc tcaaccatta attggaacat ggtgaaacat tgtacacatt	60
gtaaaagtag ggtagg	76

<210> 26395

<211> 144

<212> DNA

<213> Homo sapiens

<400> 26395

tcaaacaatt aaaatatttt catttcaatt ttttgaattt taaaaatttc aaaagtgcctt	60
ttatttacag actaatgtgg ccaagaagta tgataagggt gattgataaa agacattcaa	120
gcataaaacc attatattag gaca	144

<210> 26396

<211> 145

<212> DNA

<213> Homo sapiens

<400> 26396

gcttcaggaa tctcacaatc atggcgggaag ggtaagaggc atgtctcacg tgggtggcagg	60
caagagagag tgagtaatag cagggaacac tgccccataa aaccatcaga tatgggtgaga	120
agtcactcac tatcaggaga acagc	145

<210> 26397

<211> 175

<212> DNA

<213> Homo sapiens

<400> 26397

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ctctctgacc tctgagaaaag agaagcagcg atcctttctg gctcgccctct gcattgggtg 120
ctgaggggtct gctgagaggt gaggagcggc gctgcagcgt gtagtgaatg agctg 175

<210> 26398
<211> 118
<212> DNA
<213> Homo sapiens

<400> 26398
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gtgagatcat agttcactgc ggcctcaacc tctggcctc aagcaatcct cccactct 118

<210> 26399
<211> 169
<212> DNA
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THE **WORLD'S** **LARGEST** **BOOKSTORE**

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A DOCPHOENIX

APPL PARTS

____ IMIS _____
Internal Misc. Paper

____ LET. _____
Misc. Incoming Letter

____ 371P _____
PCT Papers in a 371 Application

____ A... _____
Amendment Including Elections

____ ABST _____
Abstract

____ ADS _____
Application Data Sheet

____ AF/D _____
Affidavit or Exhibit Received

____ APPENDIX _____
Appendix

____ ARTIFACT _____
Artifact

____ BIB _____
Bib Data Sheet

____ CLM _____
Claim

____ COMPUTER _____
Computer Program Listing

____ CRFL _____
All CRF Papers for Backfile

____ DIST _____
Terminal Disclaimer Filed

____ DRW _____
Drawings

____ FOR _____
Foreign Reference

____ FRPR _____
Foreign Priority Papers

____ IDS _____
IDS Including 1449

____ NPL _____
Non-Patent Literature

____ OATH _____
Oath or Declaration

____ PET. _____
Petition

____ RETMAIL _____
Mail Returned by USPS

____ SEQLIST _____
Sequence Listing

____ SPEC _____
Specification

____ SPEC NO _____
Specification Not in English

____ TRNA _____
Transmittal New Application

____ CTNF _____
Count Non-Final

____ CTRS _____
Count Restriction

____ EXIN _____
Examiner Interview

____ M903 _____
DO/EO Acceptance

____ M905 _____
DO/EO Missing Requirement

____ NFDR _____
Formal Drawing Required

____ NOA _____
Notice of Allowance

____ PETDEC _____
Petition Decision

OUTGOING

____ CTMS _____
Misc. Office Action

____ 1449 _____
Signed 1449

____ 892 _____
892

____ ABN _____
Abandonment

____ APDEC _____
Board of Appeals Decision

____ APEA _____
Examiner Answer

____ CTAV _____
Count Advisory Action

____ CTEQ _____
Count Ex parte Quayle

____ CTFR _____
Count Final Rejection

INCOMING

____ AP.B _____
Appeal Brief

____ C.AD _____
Change of Address

____ N/AP _____
Notice of Appeal

____ PA.. _____
Change in Power of Attorney

____ REM _____
Applicant Remarks in Amendment

____ XT/ _____
Extension of Time filed separate

Internal

____ SRNT _____
Examiner Search Notes

____ CLMPTO _____
PTO Prepared Complete Claim Set

____ ECBOX _____
Evidence Copy Box Identification

____ WCLM _____
Claim Worksheet

____ WFEE _____
Fee Worksheet

File Wrapper

____ FWCLM _____
File Wrapper Claim

____ IIFW _____
File Wrapper Issue Information

____ SRFW _____
File Wrapper Search Info